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STATE DOCUMENTS

Fourth Biennial Report

of the

OIL AND GAS
CONSERVATION
COMMISSION

to the

GOVERNOR AND MEMBERS OF THE THIRTY-SEVENTH
LEGISLATIVE ASSEMBLY OF THE
STATE OF MONTANA

For The Period

July 1, 1958 to July 1, 1960



COMMISSIONERS

J. H. FRERICH, Chairman
G. W. YODER, Vice-Chairman
E. L. ANDERSON
TED HAWLEY
IKE W. TAYLOR



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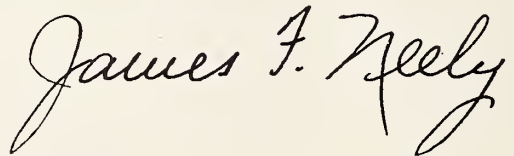
Helena, Montana

30 November, 1960

TO: The Governor, State of Montana
and Members of the Thirty-Seventh Legislative Assembly
of the State of Montana

In compliance with Chapter 238, Section 4-C (6) Session Laws of Montana 1953 and Senate Resolution No. 6 passed by the Thirty-fifth Legislative Assembly of the State of Montana, the Oil and Gas Conservation Commission herewith submits its Biennial Report for the period of 1 July, 1958 to 1 July, 1960.

Respectfully submitted,

A handwritten signature in cursive script, reading "James F. Neely". The signature is written in dark ink and is positioned above the printed name and title.

James F. Neely

Executive Secretary

Oil & Gas Conservation Commission
of the State of Montana

INTRODUCTION

The origin of the Oil & Gas Conservation Commission of the State of Montana was with the thirty-third Montana Legislatures passage of "An Act Defining and Prohibiting the Waste of Oil and Gas in the State of Montana; Creating and Establishing the Oil & Gas Conservation Commission; Defining the Powers and Duties of the Commission With Respect to Conservation of Oil and Gas; Providing for the Enforcement of the Act and the Rules, Regulations and Orders of Said Commission; Providing for the Filing and Hearing of Complaints Concerning Waste of Oils and Gas, and for Oaths, Subpoenas, Records, Suits and Appeals; Providing for Financing Activities of the Oil and Gas Conservation Commission; Repealing Sections 60-101 Through 60-123 Both inclusive, and Section 8-208, Revised Codes of Montana, 1947; and Providing for Effective Date." Reference: Sections one (1) through twenty-five (25) Chapter 238, Laws of Montana thirty-third Session, 1953.

The Commission authority and duties as defined are:

(1) To require: (a) identification of ownership of oil or gas wells, producing properties and tanks, (b) the making and filing of acceptable well logs, reports on well locations, and the filing of directional surveys, if made, provided, however, that logs of exploratory or wildcat wells need not be filed for a period of six (6) months following completion of such wells, (c) the drilling, casing, producing and plugging of wells in such a manner as to prevent the escape of oil or gas out of one stratum into another, the intrusion of water into oil or gas stratum, blowouts, cavings, seepages, and fires; and the pollution of fresh water supplies by oil, gas, salt, or brackish water, (d) the furnishing of a reasonable bond with good and sufficient surety, conditioned for performance of the duty to properly plug each dry or abandoned well; (e) proper gauging or other measuring of oil and gas produced and saved to determine the quantity and quality, thereof; (f) that every person who produces, transports or stores oil or gas in this state shall make available within this state for a period of five (5) year complete and accurate records of quantities, thereof, which records shall be available for examination by the Commission or its agents at all reasonable times, and that every person file with the Commission such reports as it may prescribe with respect to quantities, transportations and storages of such oil or gas.

(2) For the purpose of preventing waste: (a) to regulate the drilling, producing and plugging of wells, the shooting and chemical treatment of wells, the spacing of wells, operations voluntarily entered into to increase ultimate recovery such as cycling of gas, the maintenance of pressure, and the introduction of gas, water or other substances into producing formations and (b) to fix, upon application made by any interested person after hearing, efficient gas-oil and water-oil ratios for any particular well or wells.

(3) To regulate disposal of salt water and oil field wastes.

(4) To classify wells as oil or gas wells for purposes material to the interpretation or enforcement of this act.

(5) To promulgate and to enforce rules, regulations and orders to effectuate the purposes and the intent of this act.

(6) To prepare and submit to the legislative assembly of the State of Montana, at least thirty (30) days before the convening thereof, a report of the activities of the Commission, including among other things, a summary account of the monies received and expended by the Commission, the petitions which have been filed before it, and such specific recommendations as the Commission shall deem proper as to the legislative enactment which will further the oil development of the State of Montana and properly regulate the oil industry and the Commission.

ACQUISITION OF ADDITIONAL FACILITIES

The 1957 Session of the Montana Legislature by Chapter 32 of the 1957 Session laws transferred jurisdiction, control, supervision and custody of the property and records of the Petroleum Field Station located in the city of Billings, Montana, from the Bureau of Mines and Geology of the State of Montana School of Mines to the State of Montana Oil and Gas Conservation Commission.

Said transfer was accomplished, and the building and facilities affected thereby have been under the jurisdiction of the Commission since July 1, 1957. The building which houses cores and cuttings from a great number of Montana wells was enlarged to permit additional office space during the first half of 1958, after authorization was secured for such enlargement from the State Board of Examiners.

Besides the aforesaid cores and cuttings from Montana wells, records are also available to interested parties and the information obtainable from the Billings facility of the Commission is deemed to be of great assistance, both to the Commission in its conservation activities and to members of the oil and gas producing industry in the State of Montana.

REGULATORY ACTIVITIES

During the biennium period of 1 July, 1958 to 1 July, 1960, the Commission set a total of Fifty-one hearings. Five of the hearings were initiated upon motion of the Commission and Forty-six were initiated by petitions received from firms or individuals.

All petitions received by the Commission during the biennium covered by this report were acted upon by the Commission. One petition as filed was withdrawn by the petitioner; one petition was dismissed by reason that applicant made no appearance; three petitions were dismissed after the beginning of the hearing by reason that each petitioner requested withdrawal. Thus, the Commission held a total of Forty-nine hearings, three of which were dismissed, during the biennium. As a result of these hearings, the Commission issued a total of Forty-eight orders. The hearings and orders covered many phases of the oil and gas exploration activities and oil and gas production within the State of Montana, such as the conservation and prevention of waste of oil and gas, establishment of field rules, spacing problems, water injection for both disposal purposes and secondary recovery, natural gas injection for secondary recovery, natural gas storage reservoirs, amendments to existing rules and regulations and production.

On the following pages is a complete listing of:

(a) All dockets instituted setting hearings and all orders adopted by the Commission for the period of 1 July, 1958 to 1 July, 1960.

(b) All wells completed from 1 July, 1958 to 1 July, 1960 by fiscal year together with a summary of such wells as completed.

(c) A statement of barrels of crude oil produced, refined, exported, and stored in Montana during the period 1 July, 1958 to 1 July, 1960.

(d) Natural gas production report for the period of 1 July, 1958 to 1 July, 1960.

(e) Revenue received by the Commission for the period 1 July, 1958 to 1 July, 1960.

(f) Statement of expenditures by the Commission for the period of 1 July, 1958 to 1 July, 1960.

DOCKETS

No.	Date	Filed By	Subject	Order Adopted
9-58	7-31-58	Shell Oil Company	To consider the request for permission to inject salt water into the Dakota sandstone formation at approximately 4734 feet from the surface. The salt water to be injected is that water produced with oil in the Richey Field, Dawson and McCone Counties	10-58
10-58	9-16-58	Shell Oil Company	To consider the application for permission to inject water into the Pine Unit Participating Area of the Pine Field in Wibaux and Fallon Counties for secondary recovery—pressure maintenance.	13-58
11-58	9-16-58	The Montana Power Company	To consider an exception to the spacing rules in the SW-SW-NE, Section 13, Township 36 North, Range 6 East, Liberty County.	11-58
12-58	9-19-58	R. P. Oliver, Ltd.	To consider application requesting relief to the operator from the requirements of Commission Order No. 13-56 relative to well tests and shut-in reservoir pressure tests.	No appearance by applicant. Docket dismissed.
13-58	10- 8-58	The Texas Company	To consider the application for delineation of the Sumatra Field, Rosebud County, and for the establishment of a 40-acre well spacing pattern in said field.	14-58
14-58	10- 8-58	The Texas Company	To consider the application to produce gas under vacuum conditions from Sunburst sand wells in the Kevin-Sunburst Field, Toole County.	15-58
15-58	10-10-58	Salt Dome Production Company	To consider the application for delineation and establishment of field rules in the Red Creek Field, Glacier County.	16-58
16-58	10-17-58	Becker Oil Co.	To consider application for exceptions to spacing rules in the Bannatyne Field, Teton County, concerning eleven locations.	17-58
17-58	10-20-58	McAlester Fuel Company	To consider the application for permission to dispose of salt water produced with oil in the Sumatra Field, by injecting such water into the Amsden Dolomite formation.	18-58
18-58	11- 7-58	Landheim Development Co., Ltd.	To consider the application for redelineation of the Cat Creek Field in Petroleum County.	19-58

DOCKETS—Continued

No.	Date	Filed By	Subject	Order Adopted
19-58	11- 7-58	Commission	To consider amending General Rules and Regulations affecting Rule 203 Well Spacing, Rule 235 Service Company Reports, and Rule 305 All Other Proceedings Commenced by Filing Petition.	1-59
20-58	11- 7-58	Commission	To consider delineation of the Bannatyne Field, Teton County, and adoption of rules pertaining to development of such field.	20-58
21-58	12-10-58	Honolulu Oil Corp.	To consider the application for delineation of the Stensvad Field, Musselshell and Rosebud Counties, and adoption of rules pertaining to said field.	2-59
22-58	12-10-58	The Ohio Oil Co.	To consider an application for an exception to Commission Rule 203 (c) for a well in Dry Creek Field, Carbon County.	3-59
23-58	12-10-58	The Montana Power Company	To consider the application requesting approval of the Box Elder Gas Storage Project in Hill and Blaine Counties, pursuant to Commission Rule 229.	4-59
24-58	12-10-58	Shell Oil Company	To consider application for permission to inject water into the Cabin Creek Unit Participating Area in the Cabin Creek Field in Fallon County, for purposes of secondary recovery - pressure maintenance.	5-59
1-59	1-20-59	Atlantic Refining Company	To consider application for redelineation of the Wolf Springs Field, Yellowstone County, Montana.	Hearing continued to 3-19-59
2-59	2- 2-59	R. P. Oliver, Ltd.	To consider an application requesting relief of requirements of Commission Order No. 13-56 pertaining to production of oil in the Ivanhoe Dome Field, Musselshell County.	6-59
3-59	2-25-59	Becker Oil Company	To consider an application asking permission to use water injection, water flooding, gas injection, or in situ combustion for secondary recovery in the Bannatyne Field, Teton County.	7-59
4-59	2-25-59	Pan American Petroleum Corporation	To consider the application advertised under Commission Docket No. 1-59, then continued, and the application set for hearing by Commission Docket No. 4-59 to consider redelineation, spacing and field rules for the Wolf Springs Field, Yellowstone County.	9-59

DOCKETS—Continued

No.	Date	Filed By	Subject	Order Adopted
5-59	3-20-59	The Texas Company	To consider establishment of 40-acre well spacing within the Ragged Point Field, Musselshell County.	8-59
6-59	4- 9-59	Northern Natural Gas Producing Co.	To consider spacing and delineation of the Gypsy Basin Field, Pondera and Teton Counties.	13-59
7-59	4- 9-59	Murphy Corporation	To consider application requesting permission to inject water into the East Poplar Unit, Roosevelt County (secondary recovery-pressure maintenance).	11-59
8-59	4- 9-59	The Texas Company	To consider application requesting re-delineation and spacing in the Deer Creek Field, Dawson County.	14-59
9-59	4- 9-59	Shell Oil Company	To consider delineation and spacing of the Monarch Field, Fallon County, and adoption of field rules pertaining to the development of said field.	12-59
10-59	4-27-59	Vaughey & Vaughey, Co-Partnership	To consider application asking for an exception to spacing rules in the Stensvad Field, Musselshell and Rosebud Counties.	10-59
11-59	6- 1-59	E. R. McKee	To consider an application asking for an exception to spacing rules set by Commission Order No. 28-55 for the Kevin-Sunburst Field, Toole County.	Application withdrawn by applicant. No hearing held.
12-59	6-19-59	The Montana Power Company	To consider an application for permission to establish a gas storage unit in the Shelby area, Toole County. Hearing dismissed by reason of letter received from applicant stating their desire to withdraw.	
13-59	6-22-59	TEXACO Inc.	To consider the application requesting the repeal of Commission Order No. 26-55 pertaining to the Sand Creek Field, Dawson County.	17-59
14-59	6-22-59	TEXACO Inc.	To consider application for delineation of the Sand Creek Field, Dawson County, and the establishment of field rules for said field.	15-59
15-59	7-13-59	Continental Oil Company	To consider application asking for approval of a unit agreement pertaining to West Dome Unit, Cat Creek Field, Petroleum County, and for permission to inject water into said unit for secondary recovery purposes, and for permission to commingle production from First and Second Cat Creek sands.	16-59

DOCKETS—Continued

No.	Date	Filed By	Subject	Order Adopted
16-59	8-19-59	Amerada Petroleum Corporation	To consider an application asking permission to inject salt water produced with oil in the Outlook Field, Sheridan County, into two injection wells for disposal purposes.	19-59
17-59	9-23-59	Pan American Petroleum Corporation	To consider application asking redelineation of the Stensvad Field, Rosebud and Musselshell Counties.	22-59 22-59 (amended)
18-59	9-23-59	The Montana Power Company	To consider application requesting approval of the Shelby Gas Storage Project, Toole County.	20-59
19-59	9-23-59	Commission	To hear evidence and receive recommendation relative to possible amendment of Commission Rule No. 230 Cores and Cuttings; creating the Office and Duties of Geologist as Commission Rule No. 105; and, substituting the position of present Rule No. 105 to that of No. 110, Seal of Commission.	23-59
20-59	9-28-59	The Montana Power Company	To consider application requesting redelineation of the Cut Bank Field, Glacier and Toole Counties.	21-59
21-59	10- 1-59	TEXACO Inc.	To consider the application for exception to spacing rules applicable to Sand Creek Field, Dawson County.	24-59
22-59	10-19-59	Commission	To hear evidence and receive recommendation relative to possible amendment of Commission General Rules and Regulations relative to spacing of wells, Commission Rule No. 203.	25-59
23-59	10-29-59	Cardinal Petroleum Company	To consider application requesting delineation and naming of a newly discovered gas field in Toole County.	26-59
1-60	1-25-60	Shell Oil Company	To consider application for permission to inject water for secondary recovery and pressure maintenance in the Pine Field, Wibaux and Fallon Counties.	1-60
2-60	2- 4-60	TEXACO Inc.	To consider application requesting permission to commingle production from two separate producing reservoirs in the Corcoran No. 2 well in the Stensvad Field, Rosebud and Musselshell Counties.	2-60

DOCKETS—Continued

No.	Date	Filed By	Subject	Order Adopted
3-60	3-18-60	Cardinal Petroleum Company	To consider an application for delineation, spacing and other field rules for the Middle Butte Field, Toole and Liberty Counties, and official naming of said field.	3-60
4-60	3-18-60	A A Oil Corporation	To consider the application for redelineation of the Arch Apex Field, Toole County, and for establishment of field rules in said area.	4-60
5-60	4-22-60	Murphy Corporation	To consider the application seeking permission to inject water into the East Poplar Unit, Roosevelt County, for secondary recovery-pressure maintenance.	5-60
6-60	5- 2-60	Thos. F. Wheatley	To consider the application for delineation and naming of a new gas field in Custer County.	6-60
7-60	5- 2-60	Commission	To receive information and recommendations pertaining to possible redelineation of the Stensvad Field, Rosebud and Musselshell Counties, and for possible redelineation and establishment of spacing rules in the Ivanhoe Dome Field, Rosebud and Musselshell Counties.	7-60
8-60	5-27-60	R. P. Oliver, Ltd.	To consider the application for exception to spacing rules applicable for the Stensvad Field, Rosebud and Musselshell Counties.	8-60
9-60	6- 3-60	Sinclair Oil and Gas Company	To consider the application for permission to convert No. 4 well SW-NE-NE, Section 29, Township 9 South, Range 23 East, Elk Basin Field, Carbon County, into an injection well for secondary recovery purposes.	9-60
10-60	6-30-60	Sumatra Oil Corporation	To consider the application for naming, delineation, and establishment of field rules for a newly discovered field in Musselshell County. Proposed name — Keg Coulee.	11-60
11-60	6-30-60	TEXACO Inc.	To consider the application for exceptions to spacing rules pertaining to the Rudyard Gas Field, Hill County.	12-60
12-60	6-30-60	TEXACO Inc.	To consider the application for an exception to spacing rules applicable in the Ivanhoe Dome Field, Musselshell and Rosebud Counties.	13-60

ORDERS

Order No.	Date Adopted	Docket No.	Subject
10-58	8-21-58	9-58	Permitting Shell Oil Company to dispose of salt water produced with oil in the Richey Field by injecting said water into the Northern Pacific No. 11-19 well and into the Buecheler No. 33-24E well in the Kootenai formation, 2nd and 3rd Cat Creek sands.
11-58	10- 8-58	11-58	Granting The Montana Power Company an exception to state-wide spacing rules concerning Section 13, Township 36 North, Range 6 East, Liberty County.
12-58	10-20-58	Emergency	Establishment of forty-acre well spacing units and permitting well locations in all of Sections 1, 2, and 12, and portions of Sections 11, 13, and 14, all in Township 37 North, Range 5 West, Glacier County.
13-58	11- 3-58	10-58	Granting Shell Oil Company permission to inject water into the Siluro-Ordovician reservoir in zones designated as T4-T5, U4-U5, and U6-U7 in ten wells located in the Pine Field, Wibaux and Fallon Counties, for secondary recovery-pressure maintenance purposes.
14-58	11- 3-58	13-58	Relating to delineation of the Sumatra Field, Rosebud County and establishment of spacing units, well locations and other rules.
15-58	11- 3-58	14-58	Denial of the application of The Texas Company for permission to produce gas under vacuum pump conditions from the Sunburst sand, Kevin-Sunburst Field, Toole County.
16-58	11- 3-58	15-58	Relating to delineation and establishment of field rules in the Red Creek Field, Glacier County.
17-58	11- 3-58	16-58	Permitting the Becker Oil Company an exception to spacing rules in the Bannatyne Field, Teton County.
18-58	11- 3-58	17-58	Granting permission to McAlester Fuel Company allowing disposal of salt water produced with oil in the Sumatra Field, Rosebud County, by injecting the said water into the Amsden dolomite. No fresh water sources will be affected by injection into said Amsden dolomite formation.
19-58	11-29-58	18-58	Relating to redelineation of the Cat Creek Field, Petroleum County.
20-58	11-29-58	20-58	Delineation of and adoption of field rules pertaining to the Bannatyne Field, Teton County.
1-59	1- 8-59	19-58	Amendment of General Rules and Regulations concerning Rule 203, Spacing of Wells; Rule 235, Service Company Reports; and, Rule 305, Proceedings Commenced by Filing Petition.

ORDERS—Continued

Order No.	Date Adopted	Docket No.	Subject
2-59	1- 8-59	21-58	Relating to delineation of the Stensvad Field, Musselshell and Rosebud Counties, and the adoption of rules pertaining to development of said field.
3-59	1- 8-59	22-58	Permitting the Ohio Oil Company an exception to Commission Rule 203 (c), Spacing of Wells, within the Dry Creek Field, Carbon County.
4-59	1- 8-59	23-58	Approval of The Montana Power Company's application pertaining to the Box Elder Gas Storage Project in Hill and Blaine Counties.
5-59	1- 8-59	24-58	Permitting Shell Oil Company to inject water into the Siluro Ordovician reservoir, Cabin Creek Field, Fallon County, for secondary recovery-pressure maintenance purposes.
6-59	3-12-59	2-59	Granting relief to R. P. Oliver, Ltd., and all operators in the Ivanhoe Dome Field, concerning requirements of Commission Order No. 13-56 pertaining to production of oil in the Ivanhoe Dome Field, Musselshell County.
7-59	3-20-59	3-59	Permitting the Becker Oil Company to use in situ combustion, water injection, and/or gas injection for secondary recovery purposes in the Bannatyne Field, Teton County.
8-59	4- 9-59	5-59	Establishment of forty-acre well spacing pattern and well locations and other rules concerning the Ragged Point Field, Musselshell County.
9-59	4- 9-59	1-59) Combined 4-59)	Redelineation and field rules for the Wolf Springs Field, Yellowstone County.
9-59-A	4-29-59	1-59) Combined 4-59)	The Atlantic Refining Company and Pan American Petroleum Corporation each filed an application for a rehearing and reconsideration of Order No. 9-59 concerning Commission's Rule 319. This order denied Atlantic Refining Company and Pan American Petroleum Corporation a rehearing as requested by their respective applications.
10-59	5-14-59	10-59	Setting forth the applicant's desire to dismiss hearing as the applicant did not desire to present testimony in support thereof, the applicant being Vaughey and Vaughey of Denver, Colorado. The intended hearing concerned spacing rules in the Stensvad Field, Musselshell and Rosebud Counties.
11-59	5-15-59	7-59	Permitting the Murphy Corporation to inject water into its East Poplar Unit well No. 23 in the C-SW-SE of Section 24, Township 29 North, Range 50 East, Roosevelt County, for secondary recovery-pressure maintenance purposes.
12-59	5-15-59	9-59	Relating to delineation, spacing and adoption of field rules pertaining to development of the Monarch Field, Fallon County.

ORDERS—Continued

Order No.	Date Adopted	Docket No.	Subject
13-59	5-15-59	6-59	Delineation and spacing of oil wells and of gas wells in the Gypsy Basin Field, Pondera and Teton Counties.
13-59 (clarified)	5-28-59	6-59	Delineation and spacing of oil wells and of gas wells in the Gypsy Basin Field, Pondera and Teton Counties.
14-59	5-15-59	8-59	Redelineation and spacing in the Deer Creek Field, Dawson County.
15-59	7- 9-59	13-59	Repeal of Commission Order No. 26-55 dated 19 August, 1955 pertaining to the delineation of the Sand Creek Field, Dawson County.
16-59	7- 9-59	14-59	Delineation of the Sand Creek Field, Dawson County, and establishment of field rules pertaining to said field.
17-59	7- 9-59	12-59	Dismissal of application filed by The Montana Power Company relative to a proposed Shelby Gas Storage Project, Toole County. The applicant made know its desire to withdraw the application and made no appearance on the hearing date.
18-59	8-18-59	15-59	Relating to the approval of a unit agreement proposed by Continental Oil Company pertaining to the development and operation of the Cat Creek sands of the Cat Creek oil and gas field, Petroleum County, permitting water injection for secondary recovery, and permitting commingling of production from 1st and 2nd Cat Creek sands.
19-59	9-23-59	16-59	Permitting the injection of salt water produced with oil in the Outlook Field, Sheridan County, into two injection wells for disposal purposes. The salt water to be disposed of into the Dakota formation, which formation presently contains water unfit for either human or livestock consumption.
19-59-A	10-19-59	16-59	Relating to delineation and establishment of field rules on motion of the Commission for the Outlook Field, Sheridan County.
20-59	10-19-59	18-59	Granting approval to The Montana Power Company request to establish the Shelby Gas Storage Project, Toole County.
21-59	10-19-59	20-59	Relating to redelineation of the Cut Bank Field, Glacier and Toole Counties.
22-59	10-19-59	17-59	Relating to redelineation of the Stensvad Field, Rosebud and Musselshell Counties.
22-59 (amended)	10-10-59	17-59	Relating to redelineation of the Stensvad Field, Rosebud and Musselshell Counties.
23-59	11-17-59	19-59	Relating to the amendment of General Rules and Regulations of the Commission Rule 230, Cores and Cuttings; Creating the Office and Duties of Geologist, as Commission Rule 105; and, substituting the position of present Rule 105 to that of Rule 110, Seal of Commission.

ORDERS—Continued

Order No.	Date Adopted	Docket No.	Subject
24-59	11-17-59	21-59	Permitting an exception to the spacing rules in the Sand Creek Field, Dawson County, to allow the drilling of an off-pattern well in the E $\frac{1}{2}$ -N $\frac{1}{2}$ of the NE $\frac{1}{4}$, Section 9, Township 15 North, Range 54 East.
25-59	11-17-59	22-59	Relating to the amendment of Commission General Rules and Regulations relative to spacing of wells, Commission Rule 203.
26-59	11-17-59	23-59	Relating to the naming of the Gold Butte Gas Field, Toole County, and the delineation and other rules of said field.
1-60	2-25-60	1-60	Relating to the approval of an application by Shell Oil Company to instigate a secondary recovery-pressure maintenance plan pertaining to the Pine Unit in the Pine Field, Wibaux and Fallon Counties. Method to be used for the secondary recovery-pressure maintenance is the water injection method and on a pilot basis.
2-60	2-25-60	2-60	Permitting the commingling of production from two separate reservoirs in the Stensvad Field, Rosebud and Musselshell Counties, through the W. F. Corcoran No. 2 well NW-NE, Section 14, Township 11 North, Range 31 East.
3-60	4-15-60	3-60	Relating to the official naming of and delineation, spacing and field rules for a newly discovered field in Toole and Liberty Counties. (Field named Middle Butte.)
4-60	4-15-60	4-60	Relating to redelineation of the Arch Apex Field, Toole County, and for establishment of field rules, including the area previously delineated by Commission Order No. 5-56.
5-60	5-20-60	5-60	Permitting the Murphy Corporation to inject water into the East Poplar Unit, Roosevelt County, for reasons of secondary recovery-pressure maintenance.
6-60	5-20-60	6-60	Relative to application for delineation and naming of a gas field in Custer County. (Hearing dismissed by reason that applicant on appearance before the Commission requested such dismissal without prejudice.)
7-60	5-20-60	7-60	Relating to redelineation of the Stensvad Field, Rosebud and Musselshell Counties, and redelineation and establishment of spacing rules in the Ivanhoe Dome Field, Rosebud and Musselshell Counties.
8-60	6-24-60	8-60	Granting an exception to spacing rules applicable for the Stensvad Field, Musselshell and Rosebud Counties.
9-60	6-24-60	9-60	Relating to injection of water into a well in Section 29, Township 9 South, Range 23 East, Elk Basin Field, for secondary recovery-pressure maintenance purposes.

WELLS COMPLETED FROM JULY 1, 1958 TO JULY 1, 1959

BIG HORN COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Amerada Pet. Corp.	G. VanCleve	1	C-NE-NW—13-3N-33E	7,955	Dry	Fee	**
Falcon Seaboard Drlg. Co.	Harrison Geer	1	C-NW-NW—27-9S-39E	6,004	Dry	Fee	**
Tidewater Oil Co.	Crow Tribal "A"	1	SE-SW-NE—29-7S-33E	3,667	Dry	Indian	**
Whitehall Oil Co.	US024271	1	NC-SW-SE—11-9S-44E	5,505	Dry	Gov't	**

Total of 4 Wells Completed: 4 Dry Holes; 2 on Fee Lands, 1 on Gov't Lands, 1 on Indian Lands; 4 Wildcats. Total footage drilled was 23,130 feet.

BLAINE COUNTY

Kirby Pet. Corp.	State	1	C-SE-SW—36-32N-20E	4,215	Dry	State	**
Kullberg Drlg. Co.	Flynn Bros.	1	C-NW-NE—31-35N-20E	4,325	Dry	Fee	**
Sinclair Oil & Gas Co.	Boxelder Creek	1	NW-SE-NE—1-31N-17E	4,100	Dry	Fee	**

Total of 3 Wells Completed: 3 Dry Holes; 2 on Fee Lands, 1 on State Lands; 3 Wildcats. Total footage drilled was 12,640 feet.

CARBON COUNTY

Breuer & Curran Oil Co.	Snyder	1	EC-NE-NW—3-6S-18E	5,010	Dry	Fee	*
E. M. Casey	Melcher	1	C-NW-SE—30-9S-25E	1,500	Dry	Fee	**
Electron Oil & Gas Corp.	US042213	2	C-NW-SE—31-7S-24E	3,315	Dry	Gov't	**
Jack E. Manning	US021548	1	NW-NE-NW—3-4S-24E	1,953	Dry	Gov't	*
McAlester Fuel Co.	Cooper	A-1	NC-SW-SW—34-3S-23E	1,784	Dry	Fee	**
Ohio Oil Co.	N. P. R. R.	27	SW-SW-NE—3-7S-21E	5,530	Dry	Fee	*
Ohio Oil Co.	Mont. Ind.	28	SC-Lot-3—12-7S-21E	5,645	Dry	Fee	*
Pan American Pet. Corp.	E. B. E. T. U.	159	SW-SW-SE—34-9S-23E	5,804	Oil	Fee	*
Pan American Pet. Corp.	E. B. U.	20-M	NE-NE-SW—35-9S-23E	5,599	Oil	Fee	*
Pan American Pet. Corp.	E. B. U.	28-M	NE-SE-SW—35-9S-23E	5,443	Oil	Fee	*
Sinclair Oil & Gas Co.	W. M. Stevens	1	C-NE-NW—22-7S-24E	1,200	Dry	Fee	**
True Oil Co.	US06404	1	NE-NE-SW—31-8S-24E	4,926	Dry	Gov't	**

Total of 12 Wells Completed: 9 Dry Holes, 3 Oil Wells; 9 on Fee Lands, 3 on Gov't Lands; 7 Development Wells. Total footage drilled was 47,709 feet.

CARTER COUNTY

C. E. Gillenwater	US025219	1	C-Lot-8—18-8S-58E	1,094	Dry	Gov't	**
C. E. Gillenwater	M-025215	2	C-SE-SE—2-8S-57E	1,430	Dry	Gov't	**
Ohio Oil Co.	Gov't	3	SC-Lot-2—4-1S-62E	8,910	Dry	Gov't	*

Total of 3 Wells Completed: 3 Dry Holes; 3 on Gov't Lands; 1 Development, 2 Wildcat Wells. Total footage drilled was 11,434 feet.

CASCADE COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ment ** Wildcat
Hyland Oil Corp.	Mann	1	C-NW-SW—5-21N-4E	1,108	Dry	Fee	**

CUSTER COUNTY

R. L. Allardyce	Pope	1	C-NE-NW—28-2N-45E	5,630	Dry	Fee	**
Mobil Prod. Co.	Chezum	F-14-8-P	C-NE-NE—8-2N-45E	2,665	Dry	Fee	**

Total of 2 Wells Completed: 2 Dry Holes; 2 on Fee Lands; 2 Wildcats. Total footage drilled was 8,295 feet.

DANIELS COUNTY

Calvert Drilling Inc.	Tong	1	C-SE-SE—28-33N-49E	6,830	Oil	Fee	*
Juniper Oil & Mining Co.	Taylor	1	C-NW-NW—9-33N-49E	6,497	Oil	Fee	*

Total of 2 Wells Completed: 2 Oil Wells; 2 on Fee Lands; 2 Development Wells. Total footage drilled was 13,327 feet.

DAWSON COUNTY

Shell Oil Co.	Kubesh et al	41-26	C-NE-NE—26-18N-53E	10,695	Dry	Fee	**
Shell Oil Co.	L. B. Cox	44-13D	SC-SE-SE—13-13N-55E	9,187	Oil	Gov't	*
Shell Oil Co.	US011687	13-34	EC-NW-SW—34-14N-55E	9,143	Dry	Gov't	*
Shell Oil Co.	US042115	13X-19C	EC-NW-SW—19-13N-56E	9,058	Oil	Gov't	*
Shell Oil Co.	US042115	22-19C	C-SE-NW—19-13N-56E	8,995	Oil	Gov't	*
Shell Oil Co.	US142115A	24-19C	NE-SE-SW—19-13N-56E	9,036	Oil	Gov't	*
The Texas Co.	McGhee	1-A	NC-NE-SE—22-17N-53E	10,020	Oil	Gov't	*
The Texas Co.	M. N. Guelff	1	C-SE-NE—4-15N-54E	9,684	Oil	Fee	**

Total of 8 Wells Completed: 6 Oil Wells, 2 Dry Holes; 6 on Gov't Lands, 2 on Fee Lands; 6 Development, 2 Wildcats, 1 Successful Wildcat. Total footage drilled was 75,818 feet.

FALLON COUNTY

McAlester Fuel Co.	N. P. R. R.	A-2	NW-NW-NE—19-7N-61E	9,263	Dry	Fee	*
Shell Oil Co.	H. Eikland	43-6	SC-NE-SE—6-10N-58E	9,063	Oil	Fee	*
Shell Oil Co.	Fox	23-6	NE-NE-SW—6-10N-58E	9,120	Oil	Fee	*
Shell Oil Co.	US024950	14-30E	SW-SW-SW—30-11N-58E	9,195	Oil	Gov't	*
Shell Oil Co.	Schreiber	21-8	SW-NE-NW—8-10N-58E	9,090	Oil	Fee	*
Shell Oil Co.	Eikland	21-6	NE-NE-NW—6-10N-58E	9,055	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	23-31	SW-NE-SW—31-11N-58E	9,045	Oil	Fee	*
Shell Oil Co.	B-023250A	24X-8	NW-SE-SW—8-4N-62E	8,376	Oil	Gov't	*
Shell Oil Co.	Schreiber	12-8	C-SW-NW—8-10N-58E	9,140	Oil	Fee	*
Shell Oil Co.	A. C. Fox	12-6	SW-SW-NW—6-10N-58E	9,122	Oil	Fee	*

FALLON COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ment ** Wildcat
Shell Oil Co.	N. P. R. R.	12-5	SE-SW-NW—5-10N-58E	9,058	Dry	Fee	*
Shell Oil Co.	N. P. R. R.	21X-7	SW-NE-NW—7-10N-58E	8,905	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	21-31	WC-NE-NW—31-11N-58E	9,155	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	12-23	EC-SW-NW—23-9N-58E	9,175	Oil	Fee	**
Shell Oil Co.	Conser-Taylor	34-8	C-SW-SE—8-10N-58E	9,183	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	12-21	SE-SW-NW—21-10N-58E	9,141	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	43-17	C-NE-SE—17-10N-58E	9,118	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	23X-17	EC-NE-SW—17-10N-58E	9,162	Oil	Fee	*
Shell Oil Co.	Chrysler	41-20	NW-NE-NE—20-10N-58E	9,181	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	34-23	C-SW-SE—23-9N-58E	9,095	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	41-17	WC-NE-NE—17-10N-58E	9,119	Oil	Fee	*
Shell Oil Co.	US027575	13-4	NE-NW-SW—4-8N-59E	8,855	Dry	Gov't	*
Shell Oil Co.	A. C. Fox	14X-6	SW-SW-SW—6-10N-58E	8,886	Oil	Fee	*
Shell Oil Co.	Conser-Taylor	43X-8	SE-NE-SE—8-10N-58E	9,098	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	41X-1	NE-NE-NE—1-10N-57E	9,062	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	14-7	NE-SW-SW—7-10N-58E	9,174	Oil	Fee	*
Shell Oil Co.	US23983-B	32-26	SW-SW-NE—26-9N-58E	9,090	Oil	Gov't	*
Shell Oil Co.	N. P. R. R.	43X-1	SW-NE-SE—1-10N-57E	9,045	Dry	Fee	*

Total of 28 Wells Completed: 24 Oil Wells, 4 Dry Holes; 4 on Gov't Lands, 24 on Fee Lands; 27 Development, 1 Wildcat, 1 Successful Wildcat.
Total footage drilled was 253,971 feet.

FERGUS COUNTY

Miles Jackson, Inc.	N. Bar Ranch	1	NE-NW-SW—26-13N-22E	802	Dry	Fee	**
Spindletop Pet. Corp.	Hughes	1	SW-SW-SE—22-13N-24E	950	Dry	Fee	**
Spindletop Pet. Corp.	John Wilden	2	NE-SW-NE—30-13N-23E	1,278	Dry	Fee	**

Total of 3 Wells Completed: 3 Dry Holes; 3 on Fee Lands, 3 Wildcats. Total footage drilled was 3,030 feet.

GLACIER COUNTY

Allardyce Pet. Corp.	Tribal	1	C-SW-SW—34-34N-6W	3,146	Oil	Indian	*
Allardyce Pet. Corp.	Tribal	2	C-Lot-6—34-34N-6W	3,062	Oil	Indian	*
Carter Oil Co.	W. S. McAlpine	1	C-NW-NW—12-37N-5W	2,852	Oil	Fee	*
Carter Oil Co.	Moberly	1	C-NW-SE—2-37N-5W	2,908	Oil	Fee	*
Carter Oil Co.	McAlpine	2	C-SW-NW—12-37N-5W	2,852	Oil	Fee	*
Carter Oil Co.	McAlpine	3	C-SE-SW—2-37N-5W	2,911	Oil	Fee	*
Carter Oil Co.	E. Moberly	2	C-NE-SE—2-37N-5W	2,911	Oil	Fee	*
Carter Oil Co.	E. Moberly	3	C-SE-NE—2-37N-5W	2,822	Oil	Fee	*

GLACIER COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Carter Oil Co.	McAlpine	4	C-NE-SW—12-37N-5W	2,807	Oil	Fee	*
Carter Oil Co.	Corrigeux	1	C-NW-SW—35-34N-6W	3,075	Oil	Fee	*
Casey & Kuhleman	Johnson	1	NW-SW-NE—26-37N-5W	2,637	Dry	Fee	*
Casey & Kuhleman	Jonas Vasboe	1	C-NE-SE—22-37N-5W	2,762	Gas	Fee	*
Essex Oil Co.	Thompson	1	NE-NE-SE—11-37N-5W	2,835	Dry	Fee	*
Essex Oil Co.	Thompson	2	SW-SW-SW—11-37N-5W	2,777	Oil	Fee	*
G. S. Frary	US024958	1	WC-SW-NE—24-33N-6W	2,890	Oil	Gov't	*
G. S. & B. L. Frary	Coburn	2	C-Lot-4—22-34N-6W	2,986	Oil	Fee	*
G. S. & B. L. Frary	Coburn	3	C-Lot-3—27-34N-6W	2,990	Oil	Fee	*
G. S. & B. L. Frary	Getty B	1	C-SW-SW—15-34N-6W	3,046	Oil	Fee	*
G. S. & B. L. Frary	Kennerly Heirs	1	C-NE-NW—27-34N-6W	3,048	Oil	Gov't	*
G. S. & B. L. Frary	Downing et al	1	C-SE-SE—33-34N-6W	3,138	Oil	Fee	*
G. S. & B. L. Frary	Tarrant, Ward, Peoples	2	NC-Lot-2—34-34N-6W	2,949	Oil	Fee	*
G.S. & B.L. Frary & Marena Oil Co.	Tribal Cont.	1	C-Lot-7—34-34N-6W	3,095	Oil	Indian	*
G.S. & B.L. Frary & Marena Oil Co.	M. Merchant	1	C-SW-SE—33-34N-6W	3,209	Gas	Indian	*
G.S. & B.L. Frary & Marena Oil Co.	Hall	1	C-NE-SE—33-34N-6W	3,090	Oil	Fee	*
Hyland Oil Corp.	Vasboe	1	NE-NW-NE—14-37N-6W	3,450	Oil	Fee	*
Hyland Oil Corp.	State	1	C-SE-NW—36-37N-6W	3,374	Gas	State	*
Kullberg & Otthouse Inc.	Johnson	2	SE-SE-SW—26-37N-5W	2,788	Oil	Fee	*
Montana Power Co.	McHatten	2	SW-NW-SW—11-36N-5W	2,853	Gas	Fee	*
Montana Power Co.	McNamer	4	NW-SW-NW—14-36N-5W	2,845	Gas	Fee	*
Montana Power Co.	Tribal 355	27	NE-Lot-2—4-37N-7W	3,606	Oil	Indian	*
Pattie-Hannah-Moberly	Swensen	1	SE-SE-SE—10-37N-5W	2,782	Oil	Fee	**
Pattie-Hannah-Moberly	Corrigeux	1	C-Lot-3—34-34N-6W	2,990	Oil	Fee	*
Salt Dome Prod. Co.	M. Krueger, et al	1	C-NW-SW—12-37N-5W	2,740	Oil	Fee	*
Salt Dome Prod. Co.	E. Moberly Unit	1	C-SE-SE—2-37N-5W	2,814	Oil	Fee	*
Salt Dome Prod. Co.	W. Moberly Unit	1	C-SW-SE—2-37N-5W	2,830	Oil	Fee	*
Salt Dome Prod. Co.	Moberly	2-A	C-NW-SW—1-37N-5W	2,848	Oil	Fee	*
Salt Dome Prod. Co.	Moberly	3-A	C-SW-NW—1-37N-5W	2,858	Oil	Fee	*
Salt Dome Prod. Co.	Moberly	1-A	EC-SW-SW—1-37N-5W	2,805	Oil	Fee	*
A. A. Seeligson, Jr.	Olson	1	NE-SW-SE—26-34N-6W	2,957	Oil	Fee	*
A. A. Seeligson, Jr.	Texas Kennerly	1	C-Lot-8—27-34N-6W	2,986	Oil	Gov't	*
A. A. Seeligson, Jr.	Olson	2	NW-NW-SE—26-34N-6W	2,966	Oil	Fee	*
A. A. Seeligson, Jr.	Barnes	1	SE-SE-SE—27-34N-6W	3,010	Oil	Fee	*
A. A. Seeligson, Jr.	Olson	3	NE-NE-SW—26-34N-6W	2,951	Oil	Fee	*
A. A. Seeligson, Jr.	Olson	4	NW-NW-NW—26-34N-6W	2,985	Oil	Fee	*

GLACIER COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ** Wildcat
A. A. Seeligson, Jr.	Harper	1	C-NE-SE—28-34N-6W	3,071	Dry	Fee	*
A. A. Seeligson, Jr.	Yunck "B"	7	C-SE-SW—23-34N-6W	2,963	Dry	Fee	*
A. A. Seeligson, Jr.	Olson	5	SE-SW-SW—26-34N-6W	2,983	Oil	Fee	*
A. A. Seeligson, Jr.	Texas-Kennerly	2	C-SE-SW—27-34N-6W	3,009	Oil	Gov't	*
L. M. Sheridan	Bradley	1	SW-SW-SW—24-37N-6W	2,366	Oil	Fee	*
L. M. Sheridan	M-0175	1	C-NW-NW—25-37N-6W	3,285	Oil	Gov't	*
L. M. Sheridan	M-0175-B	2	C-SW-NW—25-37N-6W	3,375	Dry	Gov't	*
Skelly Oil Co.	Tribal	1	NW-SW-SW—36-36N-7W	3,676	Dry	Indian	**
Skelly Oil Co.	Blackfeet "A"	2	SW-NW-SE—36-36N-7W	3,579	Dry	Gov't	**
Texota Oil Co.	Tribal	1	C-NE-NW—31-35N-6W	3,245	Dry	Indian	**
Texota Oil Co.	Tribal	1	C-NE-NE—4-33N-6W	3,096	Oil	Indian	*
Trigood Oil Co.	Swenson	1	NW-NE-NW—13-37N-5W	2,880	Dry	Fee	*
Waggoner-Lansford Drlg. Inc.	Gov't	2	NW-SW-NE—11-37N-6W	3,620	Dry	Gov't	*
Waggoner-Lansford Drlg. Inc.	Bugsby	1	NW-SE-SW—6-33N-6W	5,350	Dry	Fee	*
Total of 58 Wells Completed: 42 Oil Wells, 5 Gas Wells, 11 Dry Holes; 41 on Fee Lands, 8 on Indian Lands, 8 on Gov't Lands, 1 on State Lands; 54 Development Wells, 4 Wildcats, 1 Successful Wildcat. Total footage drilled was 186,794 feet.							

GOLDEN VALLEY COUNTY

Oien Oil Corp.	W. Johnson	1	C-SW-SW—28-10N-21E	5,035	Dry	Fee	**
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HILL COUNTY

Kullberg Drilling Co., Inc.	Austin	1	C-SE—18-36N-9E	3,610	Dry	Fee	**
Kullberg Drilling Co., Inc.	Williamson	1	NC-NW-NE—26-37N-8E	3,670	Dry	Fee	**
Schnitzmeier	Schnitzmeier	2	NE-SW-SW—14-35N-16E	4,016	Dry	Fee	**
Total of 3 Wells Completed: 3 Dry Holes; 3 on Fee Lands; 3 Wildcats. Total footage drilled was 11,296 feet.							

LEWIS & CLARK COUNTY

The Anaconda Co.	Moss	1	C-NW-NW—33-20N-4W	5,825	Dry	Fee	**
Northern Natural Gas Prod. Co.	Soap Creek Cattle Co.	1	EC-SE—11-18N-6W	6,882	Dry	Fee	**
Total of 2 Wells Completed: 2 Dry Holes; 2 on Fee Lands; 2 Wildcats. Total footage drilled was 12,707 feet.							

LIBERTY COUNTY

Hyland Oil Corp.	Alex Turner	1	C-SW-SW—23-37N-6E	3,435	Dry	Fee	**
Kirby Pet. Co.	Seiwert	1	C-NE-NE—8-33N-6E	3,060	Dry	Fee	**
Montana Power Co.	T. W. Colbry	1	SW-SW-NE—13-36N-6E	3,096	Gas	Fee	*
Union Oil Co. of California	E. C. Maret	1	C-SE-SW—8-33N-7E	3,148	Dry	Fee	**

LIBERTY COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ** Wildcat
Western Natural Gas Co.	Wallace	7	NW-NW-NW—8-37N-4E	2,670	Oil	Fee	*
Western Natural Gas Co.	C. J. Iverson	15	NE-NE-NW—8-37N-4E	2,661	Oil	Fee	*
Western Natural Gas Co.	Wallace	8	NE-NW-NE—8-37N-4E	2,660	Oil	Fee	*
Western Natural Gas Co.	Demarest	2	C-SE-NW—31-37N-4E	2,954	Dry	Fee	*
Total of 8 Wells Completed: 3 Oil Wells, 1 Gas Well, 4 Dry Holes; 8 on Fee Lands; 5 Development Wells, 3 Wildcats.							
Total footage drilled was 23,684 feet.							

McCONE COUNTY

Shell Oil Co.	N. P. R. R.	11-25E	C-NW-NW—25-23N-49E	7,096	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	44-23	C-SE-SE—23-23N-49E	7,127	Oil	Fee	*
Texota Oil Co.	Beery	1A	SE-NE-NE—26-23N-49E	7,063	Oil	Fee	*
Texota Oil Co.	Beery	2	EC-SW-NE—26-23N-49E	7,079	Oil	Fee	*
Texota Oil Co.	A. E. Schock	1	NE-NE-SW—26-23N-49E	7,070	Oil	Fee	*
Total of 5 Wells Completed: 5 Oil Wells; 5 on Fee Lands; 5 Development Wells. Total footage drilled was 35,435 feet.							

MEAGHER COUNTY

Pan American Pet. Corp.	Lucas Ranch	1	C-NE-NE—23-7N-8E	4,213	Dry	Fee	**
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MUSSELSHELL COUNTY

Amerada Pet. Corp.	P. M. Goffena	1	C-SE-SW—25-9N-27E	6,620	Oil	Fee	**
Amerada Pet. Corp.	Bert Allen	1	C-NW-SE—26-9N-27E	6,554	Dry	Fee	*
Amerada Pet. Corp.	State "G"	1	SC-NW-NE—36-9N-27E	6,695	Oil	State	*
Amerada Pet. Corp.	L. W. Goffena	1	C-NW-SW—31-9N-28E	6,760	Dry	Fee	*
Atlantic Refining Co.	Ralph Harvey	1	WC-SE-NE—7-8N-30E	7,549	Oil	Fee	**
Lawrence Barker, Jr.	Hougen	2	SW-SE-NW—22-10N-29E	4,475	Oil	Fee	*
Lawrence Barker, Jr.	Liver-Wiemer	1	NW-NE-NW—30-10N-27E	3,290	Dry	Fee	**
Lawrence Barker, Jr.	Klos "A"	2	WC-NE-SW—23-10N-25E	3,291	Dry	Fee	**
Lawrence Barker, Jr.	Swinney	2	C-SE-SE—22-10N-29E	4,496	Oil	Fee	*
Breuer & Curran Oil Co.	N. P. R. R.	1	C-NW-NW—23-9N-26E	6,205	Dry	Fee	*
Breuer & Curran Oil Co.	Mrs. L. T. Morris	H-1	SE-SE-NW—15-9N-26E	6,085	Dry	Fee	*
Champlin Oil & Refining Co.	N. P. R. R.	1-13	C-NE-SE—13-11N-27E	6,856	Dry	Fee	**
Champlin Oil & Refining Co.	USA039965-B	1	NE-NE-SW—18-11N-31E	4,283	Dry	Gov't	*
Community Gas & Oil Co.	N. P.	1	NW-NW-NW—23-11N-24E	1,252	Oil	Fee	*
Continental Oil Co.	State	1	C-NW-NE—16-9N-31E	5,990	Dry	State	**
Continental Oil Co.	Brown	1	NE ¹ / ₄ -Lot-6—3-8N-26E	6,295	Dry	Fee	**

MUSSELSHELL COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ** Wildcat
Flank Oil Co.	Holland Land Co.	1	C-SE-NE—33-10N-27E	7,389	Dry	Fee	**
Flank Oil Co.	V. G. Gossman	1	C-SW-SE—6-11N-25E	2,725	Dry	Fee	**
Gulf Oil Corp.	Loucas	1	C-SE-SW—1-10N-28E	4,177	Dry	Fee	**
Miles Jackson, Inc.	N. P. R. R.	1	C-Lot-24—1-8N-29E	7,179	Oil	Fee	**
Miles Jackson, Inc.	Goffena-Texota	1	EC-NE-NE—35-9N-27E	6,497	Oil	Fee	*
Miles Jackson, Inc.	Allen-Texota	1	C-NE-NE—27-9N-27E	6,524	Dry	Fee	*
Miles Jackson, Inc.	Texota-Keller	1	C-SW-SW—25-8N-28E	7,231	Dry	Fee	**
Juniper Oil & Mining Co.	Golt	6	WC-NW-SW—9-11N-30E	3,603	Oil	Fee	*
McAlester Fuel Co.	Fed. Land Bank	A-1	NC-SW-NW—5-11N-24E	1,324	Dry	Fee	**
McAlester Fuel Co.	R. Shelhamer	A-1	C-NE-SE—8-11N-30E	3,702	Oil	Fee	*
McAlester Fuel Co.	Shelhamer	A-2	C-NW-SE—8-11N-30E	3,642	Dry	Fee	*
McAlester Fuel Co.	Montana Federal	B-1	SE-NW-NW—8-11N-31E	5,544	Dry	Gov't	**
Oien Oil Corp.	Barney et al	1	C-SW-NE—7-11N-30E	3,887	Dry	Fee	*
Richfield Oil Corp.	N. P.	1	NE-NE-NW—5-10N-25E	6,509	Dry	Fee	*
John Rubush	State	1	C-NE-NE—16-10N-25E	2,544	Oil	State	*
The Texas Co.	N. J. Rath	1	C-NW-SE—18-7N-25E	7,450	Dry	Fee	**
The Texas Co.	R. M. Cotter	4	C-SE-NE—8-11N-30E	3,600	Dry	Fee	*

Total of 33 Wells Completed: 11 Oil Wells, 22 Dry Holes; 28 on Fee Lands, 2 on Gov't Lands, 3 on State Lands; 18 Development, 15 Wildcats; 3 Successful Wildcats. Total footage drilled was 170,223.

PETROLEUM COUNTY

Flank Oil Co.	E. Freed	1	C-NE-SE—24-14N-27E	4,005	Dry	Fee	**
Flank Oil Co.	E. Hansen	1	C-NW-NE—29-14N-29E	3,817	Dry	Fee	**
Flank Oil Co.	H. Coxon	1	C-SW-SE—29-15N-29E	3,710	Dry	Fee	**
Flank Oil Co.	E. Guenon	1	C-SE-SE—14-15N-27E	3,809	Dry	Fee	**
Flank Oil Co.	Gov't Hadley-Cox	1	C-SE-SE—24-16N-26E	2,707	Dry	Gov't	**
G.T. & J.F. Forbes	US022237	1	WC-NE-SW—10-15N-29E	1,914	Dry	Gov't	*
Herbert D. Hadley	Gov't A-011498	1	NW-SE-NW—29-14N-25E	3,003	Dry	Gov't	**
Miles Jackson, Inc.	Buelow	1	C-SE-NW—4-13N-26E	2,767	Dry	Fee	**
Miles Jackson, Inc.	Olsen	1	C-SE-SE—3-13N-25E	2,561	Dry	Fee	**
Landheim Development Co.	Vontver-Thorsen	2	NE-NE-SW—8-15N-29E	2,196	Dry	Fee	*
Landheim Development Co.	Fee	1	SE-NE-NE—12-15N-28E	1,846	Oil	Fee	*
Landheim Development Co.	Fee	2	NW-NE-NE—12-15N-28E	1,810	Oil	Fee	*
Utah Southern Oil Co.	Fradd	6	EC-NW-NE—9-15N-29E	2,030	Dry	Fee	*
Utah Southern Oil Co.	US022205-A	23	NW-NE-SE—9-15N-29E	4,380	Dry	Gov't	*

Total of 14 Wells Completed: 12 Dry Holes, 2 Oil Wells; 10 on Fee Lands, 4 on Gov't Lands; 6 Development Wells, 8 Wildcats. Total footage drilled was 40,555 feet.

PONDERA COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
J. H. Agen	Kellogg	1	NW-SW-SW—31-28N-4W	2,121	Oil	Fee	*
Fulton Pet. Corp.	E. Jones	5	NE-NE-SW—17-27N-4W	2,040	Oil	Fee	*
Fulton Pet. Corp.	E. Jones	6	NW-NE-SW—17-27N-4W	2,060	Dry	Fee	*
Tracy A. Henry	State 5287-57	1	C-NE-SE—11-28N-2W	1,976	Dry	State	**
Frank O. Loveless	R. Kauk	1	C-SE-SE—26-27N-2W	1,800	Dry	Fee	*
Mule Creek Oil Co.	C. A. Nierenberg	1	C-SW-SW—25-30N-1W	2,272	Dry	Fee	**
Nadeau-Berridge	Rencurel	1	SW-NW-SW—31-28N-4W	2,109	Oil	Fee	*
Northern Natural Gas Prod. Co.	Bills	5-B	C-SW-SW—31-28N-6W	3,499	Dry	Fee	*
Salt Dome Prod. Co.	H. L. Randall	1	SW-SW-NW—3-26N-3W	1,925	Dry	Fee	*
Skelly Oil Co.	State	3	SE-NE-SE—36-28N-5W	2,129	Oil	State	*
Skelly Oil Co.	Mont. "A"	4	NE-SE-SE—36-28N-5W	2,148	Oil	State	*
Skelly Oil Co.	Mont. "A"	5	SW-NE-SW—36-28N-5W	2,174	Oil	State	*
Skelly Oil Co.	Mont. "A"	6	NE-SW-SW—36-28N-5W	2,170	Oil	State	*

Total of 13 Wells Completed: 7 Oil Wells, 6 Dry Holes; 8 on Fee Lands, 5 on State Lands; 11 Development Wells, 2 Wildcats.
Total footage drilled was 28,423 feet.

POWDER RIVER COUNTY

Oien Oil Corp.	US07213-A	1	SW-SW-SW—25-5S-52E	5,760	Dry	Gov't	**
Oien Oil Corp.	Estes	1	NC-NE-NE—21-5S-52E	5,705	Dry	Fee	**
Southern Calif. Aircraft Corp.	USA06223	1	C-NW-SE—17-6S-53E	5,070	Dry	Gov't	**
Southern Calif. Aircraft Corp.	USA025009	1	NE-NE-NE—21-7S-54E	5,654	Dry	Gov't	**
Whitehall Oil Co., Inc.	US913882	1	C-NW-SE—8-6S-52E	5,887	Dry	Gov't	**

Total of 5 Wells Completed: 5 Dry Holes; 4 on Gov't Lands, 1 on Fee Lands; 5 Wildcats. Total footage drilled was 28,076 feet.

PRAIRIE COUNTY

Shell Oil Co.	H. Vance	31-30C	NE-NW-NE—30-13N-56E	9,037	Oil	Gov't	*
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RICHLAND COUNTY

Wendell C. Flynn	Beagle Land & Livestock	1	NE-SW-SW—17-23N-59E	9,435	Oil	Fee	**
Sun Oil Co.	J. W. Johnson	1	C-SW-SE—33-24N-58E	9,501	Oil	Fee	*

Total of 2 Wells Completed: 2 Oil Wells; 2 on Fee Lands; 1 Development Well, 1 Wildcat; 1 Successful Wildcat.
Total footage drilled was 18,936 feet.

ROOSEVELT COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Calvert Drilling Co.	C. Owen et al	1	C-SW-SE—30-29N-50E	6,720	Dry	Fee	**
Miles Jackson	G. Cleveland	1	C-SW-SW—1-27N-52E	6,975	Dry	Fee	**
Juniper Oil & Mining Co.	Tribal	1	C-NE-SE—8-27N-51E	5,925	Dry	Indian	**
Juniper Oil & Mining Co.	Iron Bear	1	C-NW-SE—1-32N-49E	6,749	Dry	Fee	*
Murphy Corp.	E. P. U.	105	C-NE-NE—30-29N-51E	5,808	Oil	Indian	*
Murphy Corp.	Thompson	106	C-NE-SE—30-29N-51E	5,792	Oil	Gov't	*
Murphy Corp.	Gov't 12838	107	C-NE-SE—19-29N-51E	5,822	Oil	Gov't	*

Total of 7 Wells Completed: 3 Oil Wells,
Total footage drilled was 43,791 feet.

ROSEBUD COUNTY

Amerada Pet. Corp.	Savage Bros.	1	C-NE-NE—6-12N-34E	7,292	Dry	Fee	**
Lawrence Barker, Jr.	O'Neill-Ottman	1	NE-NE-NE—26-11N-32E	5,240	Oil	Fee	*
J. L. Gullett, Jr.	L. C. Howard & J. Nerbovig	1	C-SE-SW—14-10N-33E	5,203	Dry	Fee	**
Honolulu Oil Corp.	Stensvad	11-9	C-NE-SE—11-11N-31E	5,516	Oil	Fee	**
Honolulu Oil Corp.	Stensvad	11-16	C-SE-SE—11-11N-31E	5,526	Oil	Fee	*
Honolulu Oil Corp.	Stensvad	11-10	C-NW-SE—11-11N-31E	5,512	Oil	Fee	*
Honolulu Oil Corp.	Stensvad	11-13	C-SW-SW—11-11N-31E	5,504	Dry	Fee	*
Honolulu Oil Corp.	Stensvad	11-11	WC-NE-SW—11-11N-31E	5,486	Oil	Fee	*
Honolulu Oil Corp.	Stensvad	11-15	NC-SW-SE—11-11N-31E	5,468	Oil	Fee	*
Honolulu Oil Corp.	Stensvad	11-12	SW-NW-SW—11-11N-31E	5,474	Oil	Fee	*
Miles Jackson, Inc.	N. P. R. R.	1	C-SE-NE—27-12N-38E	4,702	Dry	Fee	**
Juniper Oil & Mining Co.	O'Neill et al	2	C-SE-NW—25-11N-32E	5,186	Oil	Fee	*
Juniper Oil & Mining Co.	B-038999-A	2	NE-NE-NE—22-11N-32E	4,980	Dry	Gov't	*
Juniper Oil & Mining Co.	Ottman et al	2	C-SW-NE—25-11N-32E	4,966	Oil	Fee	*
Juniper Oil & Mining Co.	Magelssen	1	C-SW-NW—4-9N-34E	4,830	Oil	Fee	*
McAlester Fuel Co.	Thompson "A"	A-1	SW-SW-SW—12-11N-32E	5,050	Oil	Fee	*
McAlester Fuel Co.	Mont. Federal	A-1	C-SW-NW—12-11N-31E	5,573	Oil	Gov't	**
McAlester Fuel Co.	Mont. Federal	A-2	NW-SW-SW—12-11N-31E	5,500	Oil	Gov't	*
McAlester Fuel Co.	Mont. Federal	A-3	NC-SE-SW—12-11N-31E	5,509	Oil	Gov't	*
McAlester Fuel Co.	E. L. Grebe "B"	B-2	NE-NE-NE—14-11N-32E	4,907	Oil	Fee	*
McAlester Fuel Co.	Semingson	A-1	C-NW-NW—13-11N-31E	5,397	Oil	Fee	*
Oien Oil Corp.	P. Ringstveit	1	C-NE-NE—8-12N-40E	4,335	Dry	Fee	**
Pan American Pet. Corp.	A. S. Getchell	1	C-NW-SW—12-11N-31E	5,509	Oil	Fee	*
Pan American Pet. Corp.	A. S. Getchell	2	SW-NE-SW—12-11N-31E	5,575	Oil	Fee	*
Pan American Pet. Corp.	A. S. Getchell	3	C-SW-SE—12-11N-31E	5,638	Oil	Fee	*

ROSEBUD COUNTY—Continued

Operator	Well Name	Number	Location—Sec-Twp-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
The Pure Oil Co.	A. D. Chase	1	C-NW-SE—14-9N-43E	8,719	Dry	Fee	**
The Pure Oil Co.	N. P. R. R.	1	SE-NW-NW—25-12N-41E	8,939	Dry	Fee	**
R. D. Snyder & J. Snyder	N. P. R. R.	1	C-SE-SW—19-1S-40E	3,604	Dry	Fee	**
The Texas Co.	O'Neill-Ottman	7	C-NE-SE—23-11N-32E	5,215	Oil	Fee	*
The Texas Co.	N. P. R. R.	4	SE-SE-SE—11-11N-32E	4,960	Oil	Fee	*
The Texas Co.	B. M. Horgen	7	NW-NW-NW—13-11N-32E	4,960	Oil	Fee	*
The Texas Co.	N. P. R. R.	1	C-NW-NW—31-11N-33E	5,200	Dry	Fee	*
The Texas Co.	O'Neill-Ottman	8	C-NE-NE—23-11N-32E	5,000	Oil	Fee	*
The Texas Co.	E. L. Grebe	11	C-NW-SE—15-11N-32E	4,950	Oil	Fee	*
Zion Pet. Corp.	Magelssen	1	NE-SE-SW—5-8N-37E	5,400	Dry	Fee	**

Total of 35 Wells Completed: 24 Oil Wells, 11 Dry Holes; 31 on Fee Lands, 4 on Gov't Lands; 25 Development Wells, 10 Wildcats; 2 Successful Wildcats. Total footage drilled was 190,825 feet.

SHERIDAN COUNTY

Amerada Pet. Corp.	R. L. West	2	C-SW-SW—17-36N-53E	9,111	Oil	Fee	*
Amerada Pet. Corp.	R. W. Ruegsegger	3	NW-NE-NW—19-36N-53E	9,116	Oil	Fee	*
Amerada Pet. Corp.	R. W. Ruegsegger	4	C-NE-NE—19-36N-53E	9,219	Dry	Fee	*
Amerada Pet. Corp.	J. C. Tange	2	C-SW-NE—20-36N-53E	9,813	Oil	Fee	*
H. L. Hunt	A. M. Hagan et al	1	C-NE-NW—7-34N-52E	10,700	Oil	Fee	**
Hunt Oil Co.	H. C. Gray	1	C-NE-SE—7-34N-52E	9,676	Dry	Fee	*
Sun Oil Co.	E. Hansen	1	C-NE-NE—10-37N-57E	10,451	Dry	Fee	**

Total of 7 Wells Completed: 4 Oil Wells, 3 Dry Holes; 7 on Fee Lands, 5 Development Wells, 2 Wildcats; 1 Successful Wildcat. Total footage drilled was 68,086 feet.

STILLWATER COUNTY

McElroy Ranch Co.	US041091	1-30	C-SE-SW—30-5S-17E	2,600	Dry	Gov't	**
Shell Oil Co.	H. Schmitt	12-12	C-SW-NW—12-1S-18E	6,320	Dry	Fee	**
Shoreline Pet. Corp.	M-016702	1	NW-SW-SE—3-4S-15E	5,953	Dry	Gov't	**

Total of 3 Wells Completed: 3 Dry Holes; 1 on Fee Land, 2 on Gov't Lands; 3 Wildcats. Total footage drilled was 14,873 feet.

TETON COUNTY

Becker Oil Co.	Speer	1-B	SE-NW-SW—5-25N-1E	1,517	Oil	Fee	*
Becker Oil Co.	Speer	3-C	NE-NW-NW—8-25N-1E	1,509	Oil	Fee	*
Becker Oil Co.	Speer	2-B	NW-SW-SW—5-25N-1E	1,559	Oil	Fee	*
Becker Oil Co.	Speer	4-B	SE-NE-SE—6-25N-1E	1,542	Oil	Fee	*

TETON COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Becker Oil Co.	Speer	9-B	NE-SW-SW—5-25N-1E	1,546	Oil	Fee	*
Becker Oil Co.	Speer	11-B	SW-NW-SW—5-25N-1E	1,608	Oil	Fee	*
Becker Oil Co.	Harper	2	SE-SE-SE—32-26N-1E	1,620	Oil	Fee	*
Continental Oil Co.	Scapegoat	1	NW-NW-NW—2-25N-1E	3,640	Dry	State	**
Flank Oil Co.	State	2	NE-SW-NE—9-26N-3W	1,897	Dry	State	**
Flank Oil Co.	Kropp	1	C-NW-SE—4-26N-3W	1,905	Dry	Fee	*
Gallaco Corp.	Briggs	1	NE-SE-NW—1-27N-7W	3,444	Oil	Fee	*
Gallaco Corp.	Rockport Colony	1	C-NW-SE—29-27N-7W	4,141	Dry	Fee	**
Gallaco Corp.	Swanson-Jensen	1	SE-NE-NW—1-27N-7W	3,452	Oil	Fee	**
Great Northern Drlg. Co.	State	1	C-SW-SW—2-27N-6W	3,612	Dry	State	**
J. M. Huber Corp.	Choteau Land & Cattle Co.	1	C-SW-SW—19-24N-5W	3,350	Dry	Fee	**
Juniper Oil & Mining Co.	Thomas	4	C-SW-SW—20-27N-4W	2,242	Dry	Fee	*
J. W. Lawrence	R. Morris	3	EC-NE-SW—22-27N-4W	2,153	Oil	Fee	*
Montalban Oils Inc.	State	1	NE-NE-NW—34-27N-6W	2,700	Dry	State	**
Northern Natural Gas Prod. Co.	M-09434	1	SE-NE-SW—19-26N-8W	5,436	Gas	Gov't	**
Ojai Oil Co.	Speer	1	SE-SE-SW—5-25N-1E	1,467	Oil	Fee	*
Ojai Oil Co.	Speer	3	NW-SE-SW—5-25N-1E	1,512	Oil	Fee	*
Ojai Oil Co.	Speer	5	SE-NE-SW—5-25N-1E	1,509	Oil	Fee	*
Onstad & Fulton	P. R. Rice	3	SE-SW-NE—26-27N-5W	2,305	Oil	Fee	*
Onstad & Fulton	P. R. Rice	4	SE-SE-NW—26-27N-5W	2,304	Oil	Fee	*
Salt Dome Prod. Co.	P. A. Kropp	1	SW-SW-SW—5-26N-3W	2,019	Dry	Fee	**

Total of 25 Wells Completed: 15 Oil Wells, 9 Dry Holes, 1 Gas Well; 20 on Fee Lands, 1 on Gov't Lands, 4 on State Lands; 16 Development Wells, 9 Wildcats; 2 Successful Wildcats. Total footage drilled was 59,989 feet.

TOOLE COUNTY

Stephen Adaskavich	Adaskavich	1	NW-NE-NE—1-33N-1W	1,608	Dry	Fee	*
Anschutz Drlg. Co., Inc.	Morris	1	C-SE-SE—15-36N-3E	4,802	Dry	Fee	**
Lon Crumley, Trst.	Wolfer	19	WC-NE-NW—17-35N-2W	1,599	Oil	Fee	*
Lon Crumley, Trst.	Wolfer	20	SW-SW-SW—8-35N-2W	1,634	Oil	Fee	*
Lon Crumley, Trst.	Wolfer	21	SC-SW-SW—8-35N-2W	1,634	Oil	Fee	*
Lon Crumley, Trst.	Larson	7	NC-NE-SW—17-35N-2W	1,598	Oil	Fee	*
Filan-Onstad & Fulton	Mont. 022549	2	EC-SE-SE—7-35N-2W	1,620	Oil	Gov't	*
Garner-Ketell Oil Co.	E. Lewis	1	NE-NW-NW—2-35N-1W	1,449	Dry	Fee	**
Garner-Ketell Oil Co.	Kohles	1	C-SW-NE—28-37N-1W	2,731	Dry	Fee	**
Hesla Oil Co.	Malidore	2	WC-NW-NW—7-34N-3W	1,808	Dry	Fee	*
Homestake Oil & Gas Co.	US086692	9	SC-NW-NE—17-35N-2W	1,685	Oil	Gov't	*

TOOLE COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ** Wildcat
J. Gordon Hussey	State	1	C-NE-NE—16-36N-4W	2,902	Dry	Fee	*
E. R. McKee	McKee	36	NC-SW-NE—25-35N-2W	1,495	Oil	Fee	*
E. R. McKee	McKee	37	NW-NW-NE—25-35N-2W	1,508	Oil	Fee	*
E. R. McKee	McKee	38	SC-NW-SE—24-35N-2W	1,527	Oil	Fee	*
John Truman Miller	Biugan	1	C-SE-NE—25-35N-1W	1,115	Dry	Fee	**
Mills Oil Co.	US052136-AGF	5	SC-NE-SE—8-35N-2W	1,046	Oil	Gov't	*
Oien Oil Corp.	Oien	5	SW-SW-NE—3-34N-2W	1,285	Oil	Fee	*
Oien Oil Corp.	Oien	6	SW-NE-NW—3-34N-2W	1,286	Oil	Fee	*
Onstad & Fulton	Pedersen	1	NE-NE-SE—7-35N-2W	1,665	Oil	Fee	*
Merritt D. Orr	Federal	1	NW-NW-SW—4-36N-3W	2,085	Dry	Gov't	**
M. C. Peterson	M-083248	1	SE-NE-NW—32-35N-3W	1,755	Dry	Gov't	*
C. W. Shay, Estate	Ellingston	6	SW-NE-SW—14-35N-3W	1,759	Dry	Fee	*
Sunburst Petroleum Co.	Pletsch	1	SW-NE-NW—8-33N-4W	2,340	Dry	Fee	**
Trimont Drilling Co.	Fee	2	SE-SW-SW—34-35N-2W	1,265	Dry	Fee	*
Trimont Drilling Co.	US011205	3	EC-NW-NW—3-34N-2W	1,287	Oil	Gov't	*
N. Walter & L. C. Ranck	State	2	SC-SW-SE—17-37N-4W	2,680	Oil	State	*
Total of 27 Wells Completed: 15 Oil Wells, 12 Dry Holes; 20 on Fee Lands, 6 on Gov't Lands, 1 on State Lands; 21 Development Wells, 6 Wildcats.							
Total footage drilled was 49,168 feet.							

WIBAUX COUNTY

Shell Oil Co.	US027198-B	44-22A	C-SE-SE—22-11N-57E	9,125	Oil	Gov't	*
Shell Oil Co.	US027197-A	13-14A	C-NW-SW—14-11N-57E	9,135	Oil	Gov't	*
Shell Oil Co.	N. P. R. R.	42-9A	C-SE-NE—9-11N-57E	9,085	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	22-23A	C-SE-NW—23-11N-57E	9,138	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	13-23A	C-NW-SW—23-11N-57E	9,135	Oil	Fee	*
Shell Oil Co.	State	33-16A	NE-NW-SE—16-11N-57E	9,055	Oil	State	*
Total of 6 Wells Completed: 6 Oil Wells; 3 on Fee Lands, 2 on Gov't Lands, 1 on State Lands; 6 Development Wells.							
Total footage drilled was 54,673 feet.							

YELLOWSTONE COUNTY

American Climax Pet. Corp.	Botts	1-B	EC-SE-NE—11-6N-32E	6,306	Dry	Fee	**
Miles Jackson, Inc.	Grierson	1	C-NE-SW—30-7N-33E	6,985	Dry	Fee	**
R. P. Oliver	Thacker	1	C-SW-SW—27-7N-32E	6,133	Dry	Fee	*
R. P. Oliver	Thacker-Karman	1	C-SW-SW—9-7N-32E	6,400	Dry	Fee	*
The Texas Co.	Horsky et al	1	C-NW-NE—23-6N-33E	8,021	Dry	Fee	**
The Texas Co.	US041466	1	C-NW-SE—34-7N-32E	6,025	Dry	Gov't	*
Total of 6 Wells Completed: 6 Dry Holes; 5 on Fee Lands, 1 on Gov't Lands; 3 Development Wells, 3 Wildcats. Total footage drilled was 39,870 feet.							

SUMMARY OF WELLS COMPLETED

JULY 1, 1958 TO JULY 1, 1959

County	Wells Drilled				Type Lease			Classification			Successful Wildcats	Total Footage
	Total	Oil	Gas	Dry	State	Indian	Gov't	Fee	Development	Wildcat		
Big Horn	4			4		1	1	2		4		23,130
Blaine	3			3	1			2		3		12,640
Carbon	12	3		9			3	9	7	5		47,709
Carter	3			3			3		1	2		11,434
Cascade	1			1				1		1		1,108
Custer	2			2				2		2		8,295
Daniels	2	2						2	2			13,327
Dawson	8	6		2			6	2	6	2	1	75,818
Fallon	28	24		4			4	24	27	1	1	253,971
Fergus	3			3				3		3		3,030
Glacier	58	42	5	11	1	8	8	41	54	4	1	186,794
Golden Valley	1			1				1		1		5,035
Hill	3			3				3		3		11,296
Lewis and Clark	2			2				2		2		12,707
Liberty	8	3	1	4				8	5	3		23,684
McCone	5	5						5	5			35,435
Meagher	1			1				1		1		4,213
Musselshell	33	11		22	3		2	28	18	15	3	170,223
Petroleum	14	2		12			4	10	6	8		40,555
Pondera	13	7		6	5			8	11	2		28,423
Powder River	5			5			4	1		5		28,076
Prairie	1	1					1		1			9,037
Richland	2	2						2	1	1	1	18,936
Roosevelt	7	3		4		2	2	3	4	3		43,791
Rosebud	35	24		11			4	31	25	10	2	190,825
Sheridan	7	4		3				7	5	2	1	68,086
Stillwater	3			3			2	1		3		14,873
Teton	25	15	1	9	4		1	20	16	9	2	59,989
Toole	27	15		12	1		6	20	21	6		49,168
Wibaux	6	6			1		2	3	6			54,673
Yellowstone	6			6			1	5	3	3		39,870
Totals	328	175	7	146	16	11	54	247	224	104	12	1,546,151

WELLS COMPLETED FROM JULY 1, 1959 TO JULY 1, 1960

BIG HORN COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Solar Oil & Refg. Co.	Gov't	1	NE-SE-SE—28-6S-32E	1,678	Oil	Gov't	*

BLAINE COUNTY

Honolulu Oil Corp.	Fee	29-3	C-NE-NW—29-33N-23E	4,292	Dry	Fee	**
Max Nielsen	State	1	C-SE-NE—16-32N-19E	1,020	Dry	State	**

Total of 2 Wells Completed: 2 Dry Holes; 1 on Fee Lands, 1 on State Lands; 2 Wildcat Wells. Total footage drilled was 5,312 feet.

CARBON COUNTY

C. E. Brehm Drilling Co.	Barry	1	EC-SE-NW—32-9S-25E	4,840	Dry	Fee	**
Carter Oil Co.	Belfry	2	EC-NW-NW—17-9S-22E	10,100	Dry	Fee	*
Paul Dawson	C. A. Lewis	1	C-NE-NE—30-7S-24E	1,598	Dry	Fee	**
Deerfield Oil Corp.	Bain-Fed. Land Bank	1	EC-SW-NW—29-3S-23E	2,594	Dry	Fee	**
Nelvel E. Murphy	F. Parker	1	SW-NW-SE—13-7S-23E	670	Dry	Fee	*
Nelvel E. Murphy	F. Parker	2	SW-SW-SE—13-7S-23E	513	Dry	Fee	*
Phillips Petr. Co.	Fed. Muth	1	WC-NW-SW—13-6S-23E	2,823	Dry	Gov't	**
Phillips Petr. Co.	McDowell	1	C-NE-SE—13-6S-23E	951	Dry	Fee	**
G. L. Reasor	Robinson	1	C-SW-NE—2-7S-21E	6,153	Dry	Fee	*
W. F. Sheehan	Mont. 023211	10	C-NW-SE—15-7S-24E	550	Dry	Gov't	**
Shell Oil Co.	Gov't	13X-27	SW-NW-SW—27-9S-20E	10,518	Dry	Gov't	**

Total of 11 Wells Completed: 11 Dry Holes; 8 on Fee Lands, 3 on Gov't Lands; 4 Development Wells, 7 Wildcat Wells.
Total footage drilled was 41,310 feet.

CARTER COUNTY

Edward Mike Davis	Gov't, M-021206	1	C-SE-SE—9-8S-62E	6,328	Dry	Gov't	**
The Ohio Oil Co.	M. Jackson	1	NC-Lot-18—4-1S-62E	6,501	Dry	Fee	*
The Ohio Oil Co.	M. Jackson	1-A	Lot-18—4-1S-62E	8,552	Dry	Fee	*
Properties, Inc.	Billings Gov't	1	C-NW-SE—11-8S-58E	1,705	Dry	Gov't	**
Sinclair Oil & Gas Co.	Chadbourne	1	C-NE-NW—35-8S-60E	1,950	Dry	Fee	**
Sinclair Oil & Gas Co.	Gov't Culver	1	C-SW-SW—14-6S-57E	3,010	Dry	Gov't	**
The Tiger Oil Co.	Gov't, 021147	1	C-SW-NW—3-6S-60E	3,384	Dry	Gov't	**
The Tiger Oil Co.	Gov't, 021199	1	SW-SE-SE—23-6S-61E	3,326	Dry	Gov't	**

Total of 8 Wells Completed: 8 Dry Holes; 3 on Fee Lands, 5 on Gov't Lands; 2 Development Wells, 6 Wildcat Wells.
Total footage drilled was 34,756 feet.

CASCADE COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ** Wildcat
American Climax Petr. Corp.	N. P. R. R.	1	NC-SE-SE—5-17N-3E	1,002	Dry	Fee	**
The Anaconda Co.	Bloom	1	C-SW-NE—29-20N-3W	4,955	Dry	Fee	**
The Anaconda Co.	Webb	1	SC-NW-NE—3-18N-3W	5,935	Dry	Fee	**
The Anaconda Co.	Swan	1	C-SW-NE—17-18N-2W	4,376	Dry	Fee	**

Total of 4 Wells Completed: 4 Dry Holes; 4 on Fee Lands; 4 Wildcat Wells. Total footage drilled was 16,268 feet.

CHOUTEAU COUNTY

Bay-Houston Towing Co.	W. Waskie	1	C-SE-SE—12-24N-15E	4,549	Dry	Fee	**
Northern Natural Gas Prod. Co.	Fed.	1-C	SW-SW-NE—8-25N-17E	1,959	Gas	Gov't	**
E. & D. Rossmiller	L. Robinson	1	NW-NW-NW—15-25N-3E	2,038	Dry	Fee	**

Total of 3 Wells Completed: 2 Dry Holes, 1 Gas Well; 2 on Fee Lands, 1 on Gov't Lands; 3 Wildcat Wells; 1 Successful Wildcat.
Total footage drilled was 8,546 feet.

CUSTER COUNTY

Thos. F. Wheatley	Mont. Fed.	1	NC-SE-SE—34-2N-45E	2,892	Gas	Gov't	**
Thos. F. Wheatley	N. P.	2	C-SW-NE—1-1N-45E	3,250	Dry	Fee	**
Thos. F. Wheatley	Gov't M-02239	2	NC-SW-NE—26-2N-45E	2,836	Dry	Gov't	**

Total of 3 Wells Completed: 2 Dry Holes, 1 Gas Well; 2 on Gov't Lands, 1 on Fee Lands; 3 Wildcats; 1 Successful Wildcat.
Total footage drilled was 8,978 feet.

DANIELS COUNTY

Pan American Petr. Corp.	Sorenson	1	C-NW-NW—32-34N-48E	6,400	Dry	Fee	*
Pan American Petr. Corp.	L. Anderson	1	C-SW-SE—14-34N-48E	6,315	Dry	Fee	**
Texaco Inc.	M. C. Ofstedal	1	C-NW-NW—24-36N-47E	9,210	Dry	Fee	**

Total of 3 Wells Completed: 3 Dry Holes; 3 on Fee Lands; 1 Development Well, 2 Wildcat Wells. Total footage drilled was 21,925 feet.

DAWSON COUNTY

Shell Oil Co.	U. S. B-042115A	44-19C	SC-SE-SE—19-13N-56E	9,018	Oil	Gov't	*
Shell Oil Co.	L. B. Cox US041918	33-13D	SC-NW-SE—13-13N-55E	9,152	Oil	Gov't	*
Shell Oil Co.	N. P. R. R.	22-33	SW-SE-NW—33-16N-54E	9,700	Oil	Fee	*
Shell Oil Co.	L. B. Cox	22X-13D	NE-SE-NW—13-13N-55E	9,163	Oil	Gov't	*
Shell Oil Co.	Edomson	42-11D	SE-SE-NE—11-13N-55E	8,994	Oil	Gov't	*
Shell Oil Co.	Gov't Unit	24X-12D	SW-SE-SW—12-13N-55E	9,055	Oil	Gov't	*
Shell Oil Co.	Gov't. Unit	31X-11D	SC-NW-NE—11-13N-55E	9,082	Oil	Gov't	*
Texaco Inc.	M. L. Russ	1	C-NW-SW—3-15N-54E	9,630	Oil	Fee	*

DAWSON COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- **Wildcat
Texaco Inc.	R. A. Newton	1	C-SW-NE—22-17N-53E	10,150	Dry	Fee	*
Texaco Inc.	D. Hoffer (NCT-2)	1	C-SE-SE—4-15N-54E	9,600	Oil	Fee	*
Texaco Inc.	M. N. Guelff	2	C-NW-NE—4-15N-54E	9,600	Oil	Fee	*
Texaco Inc.	D. Hoffer	2	C-NW-NW—10-15N-54E	9,598	Oil	Fee	*
Texaco Inc.	N. P. "G"	1	SC-SE-SE—33-16N-54E	9,065	Oil	Fee	*

Total of 13 Wells Completed: 1 Dry Hole, 12 Oil Wells; 7 on Fee Lands, 6 on Gov't Lands; 13 Development Wells.
Total footage drilled was 121,807 feet.

FALLON COUNTY

Mon-O-Co Oil Corp.	Baker-Garriotts	1-A	SC-SE-SE—12-7N-60E	9,300	Oil	Fee	*
Shell Oil Co.	N. P. Ry. R.	14-3	NE-SW-SW—3-9N-58E	9,130	Oil	Fee	*
Shell Oil Co.	State	12-16	SW-SW-NW—16-10N-58E	9,152	Oil	State	*
Shell Oil Co.	N. P. R. R.	14-25	C-SW-SW—25-9N-58E	9,038	Oil	Fee	*
Shell Oil Co.	State	23X-36A	NE-NE-SW—36-11N-57E	9,130	Oil	State	*
Shell Oil Co.	U.S.A. 023983B	34-26	SW-SW-SE—26-9N-58E	8,972	Oil	Gov't	*
Shell Oil Co.	U.S. 024016-C	42-4	NE-SE-NE—4-9N-58E	7,452	Oil	Gov't	*
Shell Oil Co.	State	12-36	C-SW-NW—36-9N-58E	8,885	Oil	State	*
Shell Oil Co.	M. D. U. (M-1346)	M22X-28	SW-SE-NW—28-10N-58E	7,337	Oil	Fee	*
Shell Oil Co.	M. D. U.	21-17	C-NE-NW—17-4N-62E	8,332	Oil	Fee	*
Shell Oil Co.	State	14-16	C-SW-SW—16-10N-58E	9,136	Oil	State	*
Shell Oil Co.	N. P. R. R.	32-35	NC-SW-NE—35-9N-58E	8,870	Oil	Fee	*
Shell Oil Co.	W. H. Ames, N. P. Unit	21-10	SE-NE-NW—10-9N-58E	9,382	Oil	Fee	*
Shell Oil Co.	N. P. R. R.	14-31	C-SW-SW—31-9N-59E	8,896	Oil	Fee	*
Shell Oil Co.	State	34-36	SW-SW-SE—36-9N-58E	8,886	Oil	State	*
Shell Oil Co.	N. P. R. R.	42X-7	SE-SE-NE—7-4N-62E	8,428	Oil	Fee	*
Shell Oil Co.	J. H. Bach	12-26	EC-SW-NW—26-9N-58E	8,974	Oil	Fee	*
Shell Oil Co.	State	14-36	EC-SW-SW—36-9N-58E	8,827	Oil	State	*
Shell Oil Co.	N. P. R. R.	31-7	NE-NW-NE—7-10N-58E	9,147	Oil	Fee	*
Shell Oil Co.	U.S. 023296-B Unit	31-30	WC-NW-NE—30-4N-62E	8,506	Oil	Gov't	*
Shell Oil Co.	Schrieber et al	13-8	NW-NW-SW—8-10N-58E	9,155	Oil	Fee	*
Shell Oil Co.	H. Eikland N. P. Unit	22-6	C-SE-NW—6-10N-58E	9,118	Oil	Fee	*
Shell Oil Co.	Cedar Creek Unit 8A	43X-33	EC-NE-SE—33-5N-61E	8,374	Oil	Fee	*
Shell Oil Co.	M. D. U., N. P. Unit 8B	32-17	Lot-2-SW-NE—17-4N-62E	8,360	Oil	Fee	*
Shell Oil Co.	N. P. Unit	11-8	SW-NW-NW—8-10N-58E	9,148	Oil	Fee	*
Shell Oil Co.	N. P. Unit	33-6	C-NW-SE—6-10N-58E	9,125	Oil	Fee	*

FALLON COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ** Wildcat
Shell Oil Co.	J. H. Bach	14-26	NE-SW-SW—26-9N-58E	8,988	Oil	Fee	*
Shell Oil Co.	N. P. Unit	42-7	C-SE-NE—7-10N-58E	9,136	Oil	Fee	*

Total of 28 Wells Completed: 28 Oil Wells; 19 on Fee Lands, 6 on State Lands, 3 on Gov't Lands; 28 Development Wells.
Total footage drilled was 247,184 feet.

FERGUS COUNTY

Montalban Oils, Inc.	N-Bar Ranch	1	SE-SE-SE—27-13N-22E	955	Dry	Fee	**
Montalban Oils, Inc.	N-Bar Ranch	2	SE-SW-NE—17-12N-23E	1,830	Dry	Fee	**
Montalban Oils, Inc.	J. Ahlgren	1	C-NE-SW—13-13N-23E	965	Dry	Fee	**
The Pure Oil Co.	W. Wichman	1	NE-NE-NW—7-16N-16E	5,669	Dry	Fee	**
Spindletop Petr. Corp.	L. Finkbeiner	1	NE-SW-NW—28-13N-23E	2,870	Dry	Fee	**
Sinclair Oil & Gas Co.	State Fergus	1	C-NW-SE—28-22N-20E	5,000	Dry	State	**

Total of 6 Wells Completed: 6 Dry Holes; 5 on Fee Lands, 1 on State Lands; 6 Wildcat Wells. Total footage drilled was 17,289 feet.

GARFIELD COUNTY

Atlantic Refining Co.	N. P. 33	1	SC-NE-NE—33-15N-37E	7,964	Dry	Fee	**
Continental Oil Co.	Robertson Ranch	1	C-NE-SW—22-15N-34E	5,513	Dry	Fee	**
Great Northern Drlg. Co.	Batts-Anderson	1	C-SW-NW—7-14N-35E	6,911	Dry	Fee	**
Ike W. Taylor	Woods, 022005A	12	NW-NE-NE—27-15N-30E	1,072	Oil	Gov't	*

Total of 4 Wells Completed: 3 Dry Holes, 1 Oil Well; 1 on Gov't Lands, 3 on Fee Lands; 1 Development Well, 3 Wildcat Wells.
Total footage drilled was 21,460 feet.

GLACIER COUNTY

Ashland Oil & Refg. Co.	Tribal	1	WC-NE-SE—27-32N-6W	3,456	Dry	Indian	*
Cabeen Exploration Corp.	N. McGregor	1	NW-NE-NE—1-36N-5W	2,810	Gas	Fee	*
Cardinal Petr. Co.	McAlpine	1	C-SE-NW—12-37N-5W	2,758	Oil	Fee	*
Cardinal Petr. Co.	McAlpine	1-A	C-NW-NE—11-37N-5W	2,901	Oil	Fee	*
Cardinal Petr. Co.	McAlpine	2-A	C-NE-SW—2-37N-5W	2,945	Oil	Fee	*
Cardinal Petr. Co.	McAlpine	3A	C-NE-NE—11-37N-5W	2,820	Oil	Fee	*
Cardinal Petr. Co.	Wm. McAlpine	2	C-NE-NW—12-37N-5W	2,776	Oil	Fee	*
D. W. Enders	Yunck	1	NE-NW-NW—23-34N-6W	2,855	Oil	Fee	*
D. W. Enders	Yunck	2	SE-NE-NE—22-34N-6W	2,966	Dry	Fee	*
Evan C. Essex	Carmie Cobb	1	NE-NE-NE—15-37N-5W	2,750	Oil	Fee	*
G. S. Frary	Tribal	2	WC-SE-SW—34-34N-6W	3,105	Oil	Indian	**
G. S. & B. L. Frary	A. Corrigeux	1	C-NW-NW—3-33N-6W	3,091	Oil	Fee	*

GLACIER COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
G. S. & B. L. Frary	Sollid, Hope, Jackson	4	C-SE-SW—35-34N-6W	3,016	Oil	Fee	*
G. S. & B. L. Frary	Ruth Tarrant	2	SW-SW-SE—28-34N-6W	3,131	Oil	Fee	**
G. S. & B. L. Frary	Corrigeux	2	SC-NE-NW—3-33N-6W	3,064	Oil	Fee	**
Gulf Oil Corp.	Tribal	1	SW-SE-NW - 23-36N-15W	13,144	Dry	Indian	**
Hagerty Oil Co.	Blackfeet Tribe	2	NE-NE-SW—16-34N-6W	3,090	Dry	Indian	*
Hyland Oil Corp.	O. Bradley	2	EC-NE-NE—26-37N-6W	3,331	Oil	Fee	*
R. C. Jeffries	Carter-Clark	1	C-NE-SE—33-35N-6W	3,025	Dry	Fee	*
Juniper Oil & Min. Co.	Rieckhoff	1	C-SW-NE—27-32N-6W	3,486	Oil	Fee	*
Juniper Oil & Min. Co.	Rieckhoff	2	C-SW-SE—22-32N-6W	3,455	Dry	Fee	*
Kullberg Drilling Co., Inc.	Tribal	3S-1	WC-SW-SW—36-36N-7W	3,665	Oil	Indian	**
Kullberg Drilling Co., Inc.	Tribal	2	C-SW-NW—27-32N-6W	3,530	Dry	Indian	*
Kullberg Drilling Co., Inc.	Tribal	T-1	C-Lot-1—3-32N-6W	3,494	Oil	Indian	*
Kullberg Drilling Co., Inc.	Tribal	1	C-SE-NW—27-32N-6W	3,495	Oil	Indian	*
Kullberg & Othhouse, Inc.	Farmout	D-3	C-SW-SE—35-37N-5W	2,761	Oil	Fee	*
Kullberg & Othhouse, Inc.	Berkram	4D	NE-NE-NW—2-36N-5W	2,796	Oil	Fee	*
Kullberg & Othhouse, Inc.	Vasboe	1-B	NW-NW-NE—27-37N-5W	2,772	Dry	Fee	*
Moberly-Pattie-Hannah	Deschon-Bailey	1	C-SE-NE—35-34N-6W	2,993	Oil	Fee	*
Montalban Oils, Inc.	Deruwe	1	C-NE-NW—33-30N-8W	1,970	Dry	Fee	**
Montalban Oils, Inc.	Tribal	1	C-NW-SW—9-37N-6W	3,747	Dry	Indian	**
The Montana Power Co.	Berkram	1	SE-SE-NW—1-36N-5W	2,940	Gas	Fee	*
Pattie-Hannah-Moberly	Corrigeux	2	NW-SW-SW—35-34N-6W	3,003	Oil	Fee	*
Pattie-Hannah-Moberly	Corrigeux "B"	1	EC-SE-SE—34-34N-6W	3,015	Dry	Fee	*
Salt Dome Prod. Co.	I. Moberly	1	C-SE-SW—1-37N-5W	2,842	Oil	Fee	*
Perl Smith	Swenson	1	C-NW-SE—12-37N-5W	2,828	Dry	Fee	*
Texaco Inc.	Tribal	1	C-NE-SE—28-32N-6W	3,513	Oil	Indian	*
Texaco Inc.	Tribal D	1	C-SE-NE—28-32N-6W	3,557	Oil	Indian	*
Texota Oil Co.	Texota Tribal	1	C-NW-SE—27-32N-6W	3,450	Oil	Indian	*
Texota Oil Co.	Texota Tribal	2	C-SE-SW—27-32N-6W	3,385	Oil	Indian	*
Texota Oil Co.	Anderson-Butler	1	C-SE-NW—3-33N-6W	3,100	Dry	Fee	*
Texota Oil Co.	Tribal	3	EC-NE-SW—27-32N-6W	3,495	Oil	Indian	*
Texota Oil Co.	Tribal	4	NE-NW-SW—27-32N-6W	3,530	Oil	Indian	*
Texota Oil Co.	Tribal	5	NC-SW-SW—27-32N-6W	3,518	Oil	Indian	*
Waggoner-Lansford Drlg. Co.	Gov't	2-X	SW-SW-NE—11-37N-6W	3,605	Oil	Gov't	*
M. R. Wagner Co.	Anderson	1-A	NC-SW-NW—6-36N-5W	3,346	Oil	Fee	*

Total of 46 Wells Completed: 13 Dry Holes, 31 Oil Wells, 2 Gas Wells; 29 on Fee Lands, 16 on Indian Lands, 1 on Gov't Lands; 39 Development Wells, 7 Wildcat Wells; 4 Successful Wildcats. Total footage drilled was 154,325 feet.

GOLDEN VALLEY COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Miles Jackson, Inc.	Johnson-Ekern	1	C-SE-SE—34-11N-21E	2,270	Dry	Fee	**
Northern Natural Gas Prod. Co.	State-36	1	C-S $\frac{1}{2}$ -N-E—36-5N-19E	2,025	Gas	State	*
Total of 2 Wells Completed: 1 Dry Hole, 1 Gas Well; 1 on Fee Lands, 1 on State Lands; 1 Development, 1 Wildcat Well.							
Total footage drilled was 4,295 feet.							

HILL COUNTY

Empire State Oil Co.	State	2	C-NE-SW—8-33N-11E	3,766	Dry	State	*
Empire State Oil Co.	Foster-Swinney	3	NC-NW-SE—6-33N-11E	3,747	Dry	Fee	*
J. R. Hatch	Dean McFadden	1	C-SW-SW—9-34N-8E	3,404	Dry	Fee	**
Total of 3 Wells Completed: 3 Dry Holes; 2 on Fee Lands, 1 on State Lands; 2 Development Wells, 1 Wildcat Well.							
Total footage drilled was 10,917 feet.							

LEWIS & CLARK COUNTY

The Anaconda Co.	Leiser	1	C-NW-NE—14-20N-6W	4,769	Dry	Fee	**
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LIBERTY COUNTY

B & B Drilling Co.	Bingham	1	SE-SE-SE—12-37N-4E	300	Dry	Fee	*
Cabeen Exploration Corp.	Hagood	1	C-SE-NE—7-36N-6E	2,979	Gas	Fee	*
Cabeen Exploration Corp.	Lange	1	C-NE-SE—7-36N-6E	2,525	Oil	Fee	**
Cardinal Petroleum Co.	State	1	C-NE-NW—18-35N-5E	2,685	Dry	State	**
Cardinal Petroleum Co.	Brown-Jensen	1	C-NE-SE—13-35N-4E	2,915	Dry	Fee	**
Kirby Petr. Co.	Henry Hawks	1	EC-NE-NE—3-33N-5E	3,060	Dry	Fee	*
Western Natural Gas	Wallace	9	SW-SW-SE—5-37N-4E	2,680	Oil	Fee	*
Total of 7 Wells Completed: 4 Dry Holes, 2 Oil Wells, 1 Gas Well; 6 on Fee Lands, 1 on State Lands; 4 Development Wells, 3 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 17,144 feet.							

McCONE COUNTY

Great Northern Drlg. Co.	N. P. R. R.	1	C-NW-SW—11-23N-49E	9,314	Dry	Fee	**
Gulf States Oil Co.	Welcome Curtiss	1	C-NW-SE—26-22N-48E	9,686	Oil	Fee	*
Miles Jackson, Inc.	Styer-Beekly-Batts	1	C-NE-NE—29-24N-49E	6,904	Dry	Fee	**
Shell Oil Co.	G. Buechler	24-24E	NW-SE-SW—24-23N-49E	7,080	Oil	Fee	*
Signal Drlg. & Expl. Inc.	N. P.	1	C-NE-SE—7-22N-49E	7,298	Dry	Fee	**
Texota Oil Co.	A. E. Schock	2	NE-SW-SW—26-23N-49E	7,096	Oil	Fee	*
Texota Oil Co.	Stanley Jensen	1	NE-NE-NE—34-23N-49E	7,189	Oil	Fee	*

McCONE COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ment ** Wildcat
Texota Oil Co.	N. P. R. R.	1	NE-NE-SE—27-23N-49E	7,122	Dry	Fee	*
Texota Oil Co.	Gottlieb Schock	1-A	NE-NE-NW—35-23N-49E	7,225	Dry	Fee	*

Total of 9 Wells Completed: 5 Dry Holes, 4 Oil Wells; 9 on Fee Lands; 6 Development Wells, 3 Wildcat Wells.
Total footage drilled was 68,914 feet.

MUSSELSHELL COUNTY

American Climax Petr. Corp.	Bill	1	C-NW-NW—34-10N-30E	5,017	Dry	Fee	**
American Climax Petr. Corp.	Smith-Kincheloe	1	C-SW-NW—3-10N-31E	4,852	Dry	Fee	**
American Climax Petr. Corp.	Ostreim	1	C-NW-NW—30-11N-31E	4,750	Dry	Fee	**
American Climax Petr. Corp.	Stensvad	1	C-NE-NE—11-10N-30E	5,000	Dry	Fee	**
American Climax Petr. Corp.	DeJaegher	1	C-SE-NE—31-11N-31E	4,635	Oil	Fee	**
American Climax Petr. Corp.	Hougen	3	C-NE-SW—22-10N-29E	4,500	Dry	Fee	*
British-American Oil	Mont. State	B-1	C-NE-SW—16-10N-27E	3,413	Dry	State	*
Casey & Kuhleman	Shellhamer	1	C-NW-NW—29-11N-30E	4,600	Dry	Fee	**
Champlin Oil & Refg. Co.	U.S.A. Billings 039965B	2	NE-SE-NW—18-11N-31E	4,220	Dry	Gov't	*
Champlin Oil & Refg. Co.	Cox N. P. R. R.	2	C-NW-NW—17-11N-31E	4,246	Oil	Fee	*
Continental Oil Co.	Stensvad	1	C-NE-SE—9-11N-31E	5,315	Oil	Fee	*
Continental Oil Co.	O & H Stensvad	2	SW-NW-SE—9-11N-31E	5,405	Oil	Fee	*
Continental Oil Co.	O & H Stensvad	3	SE-NE-SW—9-11N-31E	5,400	Oil	Fee	*
Continental Oil Co.	Stensvad	4	WC-SW-SE—9-11N-31E	5,407	Oil	Fee	*
Continental Oil Co.	Stensvad	5	SW-SW-SW—8-11N-31E	4,335	Dry	Fee	*
Continental Oil Co.	Stensvad	6	EC-SE-SW—9-11N-31E	5,440	Dry	Fee	*
Winston L. Cox	N. P.	1	NW-SE-NW—17-11N-31E	4,209	Oil	Fee	*
Winston L. Cox	Gov't	2	C-SE-NE—18-11N-31E	4,166	Oil	Gov't	*
Curlew Oil Co.	Maart	1	C-SW-SW—32-8N-31E	6,850	Dry	Fee	**
L. D. Guilford	Holman	1	NW-SE-NE—6-10N-25E	2,162	Dry	Fee	**
Miles Jackson, Inc.	Baker-Sheehan-Breese	1	C-SW-NW—19-10N-29E	4,532	Dry	Fee	**
Francis Jungwirth	State	2	C-NW-SE—16-10N-25E	3,060	Dry	State	*
Juniper Oil & Mining Co.	Kuehn	1	C-NW-NW—15-11N-30E	4,185	Dry	Fee	**
Juniper Oil & Mining Co.	N. P. R. R.	1	SW-NW-NE—17-11N-31E	4,169	Oil	Fee	*
McAlester Fuel Co.	Shellhamer	A-3	EC-SW-SE—8-11N-30E	3,734	Dry	Fee	*
The Ohio Oil Co.	Ohio-State	1	C-SE-SW—16-11N-24E	2,418	Dry	State	*
Pan American Petr. Corp.	Geno Minnie	1	C-NW-SW—10-11N-31E	5,340	Oil	Fee	*
Republic Natural Gas Co.	State	1	C-NE-NE—36-11N-27E	4,050	Dry	State	**
Sumatra Oil Corp.	Stensvad	1	C-NE-NE—2-10N-30E	4,865	Dry	Fee	**
Sumatra Oil Corp.	Stensvad	2	C-NE-NE—35-11N-30E	4,669	Oil	Fee	**

MUSSELSHELL COUNTY—Continued

Operator	Well Name	Number	Location—Sec.,Twp.,Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Texaco Inc.	N. P. "B"	12	NE-NE-NW—19-10N-27E	3,177	Oil	Fee	*
Texaco Inc.	A. S. Zoerb	3	SW-SW-SE—18-10N-27E	3,167	Oil	Fee	*
Texaco Inc.	C. H. Moffett	3	SE-SE-SW—18-10N-27E	3,135	Oil	Fee	*
Texaco Inc.	N. P. "B" (NCT-1)	13	NC-NW-NE—19-10N-27E	3,200	Oil	Fee	*
Texota Oil Co.	P. M. Goffena "A"	1	C-SW-NW—25-9N-27E	6,438	Dry	Fee	*
Vaughney & Vaughney	N. P. R. R.	1	NC-NW-NW—11-10N-27E	3,530	Dry	Fee	**

Total of 36 Wells Completed: 21 Dry Holes, 15 Oil Wells; 30 on Fee Lands, 4 on State Lands, 2 on Gov't Lands; 22 Development Wells, 14 Wildcat Wells; 2 Successful Wildcats. Total footage drilled was 157,591 feet.

PARK COUNTY

Deerfield Oil Corp.	Strong	1	EC-SE-SW—11-2S-9E	7,009	Dry	Fee	**
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PETROLEUM COUNTY

American Climax Petr. Corp.	W. Wise	1	SW-SW-NE—2-14N-29E	3,897	Dry	Fee	**
American Climax Petr. Corp.	Harms	1	SW-NW-NE—32-12N-26E	3,575	Dry	Fee	**
Continental Oil Co.	Oldham	32	NE-NE-SW—10-15N-29E	1,718	Dry	Fee	*
Continental Oil Co.	Rhens	39	SE-NE-SE—9-15N-29E	1,652	Dry	Fee	*
Continental Oil Co.	Rhens	2	SW-NE-NE—9-15N-29E	1,360	Oil	Fee	*
Continental Oil Co.	Oldham	53	NE-SW-SW—10-15N-29E	1,641	Dry	Fee	*
Continental Oil Co.	Mont. Superior	55	NE-SW-SE—10-15N-29E	1,560	Dry	Fee	*
Continental Oil Co.	Great Western	48	NE-SE-SW—10-15N-29E	1,680	Dry	Fee	*
Continental Oil Co.	Benson	30	NW-NW-SE—10-15N-29E	1,695	Dry	Fee	*
Continental Oil Co.	Harlan	11	NW-SE-NW—10-15N-29E	1,635	Dry	Fee	*
Juniper Oil & Mining Co.	State	1	C-NW-NW—16-12N-30E	4,845	Dry	State	**
Landheim Dev. Co.	Vontver-Thorsen	1	NW-NW-SW—8-15N-29E	2,311	Oil	Fee	*
Montalban Oils, Inc.	Thorsen	1	C-SE-SE—17-15N-29E	3,500	Dry	Fee	*

Total of 13 Wells Completed: 11 Dry Holes, 2 Oil Wells; 12 on Fee Lands, 1 on State Lands; 10 Development Wells, 3 Wildcat Wells. Total footage drilled was 31,069 feet.

PHILLIPS COUNTY

Champlin Oil & Refg. Co.	U.S.A. 023131 Kaufman	1	C-NE-SE—20-33N-27E	4,288	Dry	Gov't	**
The Ohio Oil Co.	Mont. 1030 State	1	C-NW-NE—36-37N-27E	4,090	Dry	State	**

Total of 2 Wells Completed: 2 Dry Holes; 1 on State Lands, 1 on Gov't Lands; 2 Wildcat Wells. Total footage drilled was 8,378 feet.

PONDERA COUNTY

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
J. H. Agen	Kellogg	2	NC-SW-SW—31-28N-4W	2,125	Oil	Fee	*
C. Berridge & W. P. Nadeau	Rencurnal	2	SC-NW-SW—31-28N-4W	2,121	Dry	Fee	*
Cardinal Petr. Co.	State	1	NW-NE-SW—25-28N-6W	3,085	Dry	State	**
V. R. Chamberlain & Associates	Jannusch	1	SE-NE-SE—13-28N-7W	3,747	Dry	Fee	**
D. B. Gordon & D. B. Bickerstaff	L. Chambers	1	SE-NE-NE—35-28N-5W	2,336	Dry	Fee	*
Gulf States Oil Co.	Maurice Tack	1	C-NE-SW—28-30N-3W	2,406	Dry	Fee	**
Ted Hawley	H. B. Erickson	10	NW-SE-SW—3-27N-4W	1,886	Oil	Fee	*
Miles Jackson, Inc.	Tribal "A"	1	NC-SE-SE—3-31N-6W	3,217	Oil	Indian	**
Anton A. Pearson	Pearson	1	SE-SW-NW—25-30N-3W	2,420	Dry	Fee	**
Trigood Oil Co.	Mancoronel	1-A	NW-NW-NW—6-27N-4W	2,168	Oil	Fee	*
Trigood Oil Co.	State	1	NE-SW-SW—28-28N-5W	2,884	Dry	State	*

Total of 11 Wells Completed: 7 Dry Holes, 4 Oil Wells; 8 on Fee Lands, 2 on State Lands, 1 on Indian Lands; 6 Development Wells, 5 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 28,395 feet.

POWDER RIVER COUNTY

Ryan Oil Co.	Victor Rue	1	C-NE-NW—20-6S-53E	4,949	Dry	Fee	**
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PRAIRIE COUNTY

The Ohio Oil Co.	Mont. 773 Cranston	1	WC-SW-SW—33-12N-49E	9,100	Dry	Gov't	**
Shell Oil Co.	H. Vance U. S. 042114A	23-32C	NW-NE-SW—32-13N-56E	9,300	Oil	Gov't	*
Shell Oil Co.	Unit	31-11B	C-NW-NE—11-12N-56E	9,200	Oil	Fee	*

Total of 3 Wells Completed: 2 Oil Wells, 1 Dry Hole; 2 on Gov't Lands, 1 on Fee Lands; 2 Development Wells, 1 Wildcat Well. Total footage drilled was 27,600 feet.

RICHLAND COUNTY

Shoreline Petr. Corp.	State	1	C-NE-NE—36-27N-51E	6,565	Dry	State	**
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ROOSEVELT COUNTY

The Carter Oil Co.	Soo Tribal	1	C-NE-SE—8-32N-52E	10,837	Dry	Indian	**
Juniper Oil & Mining Co.	Masters	1	C-SW-NW—19-31N-54E	10,060	Dry	Fee	**

Total of 2 Wells Completed: 2 Dry Holes; 1 on Fee Lands, 1 on Indian Lands; 2 Wildcat Wells. Total footage drilled was 20,897 feet.

ROSEBUD COUNTY

R. L. Allardye	Mattie Austin	1	NE-NE-SE—11-2N-44E	2,780	Dry	Fee	**
American Climax Petr. Corp.	N. P.	1	NC-SE-SE—3-11N-39E	4,034	Dry	Fee	**

ROSEBUD COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ment ** Wildcat
Lawrence Barker, Jr.	Gov't Wheatley	1	WC-NW-NW—26-11N-31E	4,563	Dry	Gov't	**
Lawrence Barker, Jr.	Gov't Brown 041899	1	Lot-20—6-11N-32E	5,716	Oil	Gov't	*
British-American Oil Prod. Co.	King	1	C-Lot-13—4-11N-32E	5,730	Dry	Fee	*
Chambers & Kennedy	N. P.	1	C-SW-SW—3-11N-32E	5,746	Dry	Fee	**
Continental Oil Co.	Kincheloe	1	SE-NW-NW—19-11N-32E	4,800	Dry	Fee	*
Continental Oil Co.	Kincheloe	1	C-SW-SE—18-11N-32E	4,820	Dry	Fee	*
Continental Oil Co.	Kincheloe	2	C-NW-SE—18-11N-32E	4,698	Oil	Fee	*
Continental Oil Co.	Grebe	1	WC-NW-SW—30-11N-33E	4,997	Dry	Fee	*
Continental Oil Co.	Eich	1	WC-SW-NW—19-11N-33E	5,016	Dry	Fee	*
Honolulu Oil Corp.	Fee	11-5	C-SW-NW—11-11N-31E	5,380	Oil	Fee	*
Miles Jackson, Inc.	Batts-Burton	1	C-NW-NW—6-10N-33E	5,225	Dry	Fee	**
Miles Jackson, Inc.	State	1	C-SW-SW—36-11N-32E	5,221	Dry	State	**
Juniper Oil & Mining Co.	Grebe	4	WC-NE-NE—24-11N-32E	4,980	Oil	Fee	*
Juniper Oil & Mining Co.	Fed.	3	C-NW-NE—22-11N-32E	4,981	Dry	Gov't	*
Juniper Oil & Mining Co.	Hank	1	C-NE-NE—3-10N-32E	5,120	Dry	Fee	*
Monsanto Drlg. Co.	State Grosfield	1	C-SE-NE—16-9N-35E	4,565	Dry	State	**
Montalban Oils, Inc.	Magelssen	1	C-NW-NW—33-11N-35E	4,860	Dry	Fee	**
Montalban Oils, Inc.	Magelssen	2	C-NW-NE—30-11N-35E	5,020	Dry	Fee	**
McAlester Fuel Co.	Mont. Fed.	A-4	NW-NE-SE—10-11N-31E	5,407	Oil	Gov't	*
McAlester Fuel Co.	Mont. Fed.	A-5	C-SE-SE—12-11N-31E	5,639	Oil	Gov't	*
McAlester Fuel Co.	Mont. Fed.	A-6	NW-NW-SE—10-11N-31E	5,395	Oil	Gov't	*
McAlester Fuel Co.	Mont. Fed.	A-7	C-NE-SW—10-11N-31E	5,436	Oil	Gov't	*
McAlester Fuel Co.	Mont. Fed.	A-8	C-SW-SE—10-11N-31E	5,510	Dry	Gov't	*
McAlester Fuel Co.	Stensvad	A-1	SE-NW-NE—15-11N-31E	5,542	Dry	Fee	*
McAlester Fuel Co.	Mont. Fed.	A-9	SC-SW-NE—10-11N-31E	5,438	Oil	Gov't	*
The Ohio Oil Co.	Gov't Cranston	1	SW-NW-NE—6-10N-39E	2,704	Dry	Gov't	**
Oien Oil Corp.	Lockie	1	NC-SE-SE—1-10N-43E	5,323	Dry	Fee	**
R. P. Oliver	State	8	NE-NE-NE—16-11N-31E	5,335	Dry	State	*
Pan American Petr. Corp.	A. S. Getchell	4	SW-NW-SE—12-11N-31E	5,633	Dry	Fee	*
Sinclair Oil & Gas Co.	V. E. Kesterson	1	C-SE-NW—34-10N-33E	5,240	Oil	Fee	**
Sinclair Oil & Gas Co.	V. E. Kesterson	2	C-NW-SE—34-10N-33E	5,140	Dry	Fee	**
Sinclair Oil & Gas Co.	Kesterson	3	C-NW-NW—34-10N-33E	5,029	Dry	Fee	**
Ben J. Taylor	Savage	1	SE-SE-SE—3-11N-33E	5,875	Dry	Fee	**
Ben J. Taylor	N. P. Ry. Co.	1	C-SW-SE—1-11N-31E	5,540	Dry	Fee	*
Texaco Inc.	B. M. Horgen	8	C-SE-NE—13-11N-32E	5,090	Dry	Fee	*
Texaco Inc.	W. F. Corcoran	1	C-NE-NE—14-11N-31E	5,425	Oil	Fee	*

ROSEBUD COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Texaco Inc.	Duane G. Haddow	1	C-NE-SE—24-11N-31E	4,800	Dry	Fee	*
Texaco Inc.	W. F. Corcoran	2	C-NW-NE—14-11N-31E	5,450	Oil	Fee	*
Texaco Inc.	Red Wing Potteries, Inc.	3	C-SW-SW—18-11N-33E	5,046	Oil	Fee	*
Texaco Inc.	E. L. Grebe	12	SC-SW-SE—15-11N-32E	5,015	Oil	Fee	*
Texaco Inc.	Horgen	9	C-SE-SE—13-11N-32E	5,010	Oil	Fee	*
Texaco Inc.	H. G. Haddow	2	C-SE-SE—24-11N-31E	4,700	Dry	Fee	*
Texaco Inc.	B. M. Horgen	10	C-NE-SW—13-11N-32E	4,945	Oil	Fee	*
Texaco Inc.	E. L. Grebe	13	C-SE-SW—15-11N-32E	5,025	Oil	Fee	*
Texaco Inc.	Johnson	1	C-SW-NE—24-11N-31E	4,780	Dry	Fee	*
L. L. Tuck & Will I. Lewis, Jr.	Fed. Land Bnk.-Kincheloe	1-A	C-NE-SE—18-11N-32E	4,633	Oil	Fee	*
L. L. Tuck & Will I. Lewis, Jr.	Kincheloe	1-B	NE-SW-SW—18-11N-32E	4,901	Oil	Fee	**
L. L. Tuck & Will I. Lewis, Jr.	Kincheloe	1-C	C-SW-NW—33-11N-32E	5,095	Dry	Fee	**
L. L. Tuck & Will I. Lewis, Jr.	A. Kincheloe	2-B	C-NW-SW—18-11N-32E	4,660	Dry	Fee	**
Vaughney & Vaughney	Oliver-Torgersen	1	C-NE-NW—14-11N-31E	5,445	Dry	Fee	*
Vaughney & Vaughney	Kincheloe	1	SW-NW-SW—35-11N-32E	5,130	Oil	Fee	**

Total of 53 Wells Completed: 33 Dry Holes, 20 Oil Wells; 40 on Fee Lands, 3 on State Lands, 10 on Gov't Lands; 34 Development Wells, 19 Wildcat Wells; 3 Successful Wildcats. Total footage drilled was 267,588 feet.

SHERIDAN COUNTY

Gulf Oil Corp.	Gray	1	C-SE-NW—26-35N-51E	10,170	Dry	Fee	**
Mobil Prod. Co.	Aloys Muller	44-20	C-SE-SE—20-32N-59E	12,033	Oil	Fee	**
Mobil Oil Co.	Gov't	F-31-291	C-NW-NE—29-32N-59E	8,054	Oil	Gov't	**

Total of 3 Wells Completed: 1 Dry Hole, 2 Oil Wells; 2 on Fee Lands, 1 on Gov't Lands; 3 Wildcat Wells; 2 Successful Wildcats. Total footage drilled was 30,257 feet.

STILLWATER COUNTY

Northern Natural Gas Prod. Co.	Copulos	1-A	NE-NW-SE—15-2N-21E	2,853	Gas	Fee	**
Northern Natural Gas Prod. Co.	State	1-C	C-NW—16-2N-20E	4,135	Dry	State	**
Northern Natural Gas Prod. Co.	Mackay	1-A	C-NW-SE—14-6S-17E	4,116	Oil	Fee	**
Phillips Petr. Co.	Copulos	1	C-NW-SE—18-2N-21E	3,000	Dry	Fee	**
Shoreline Petr. Corp.	Federal	1	SW-NW-SE—29-3S-16E	6,710	Dry	Gov't	**

Total of 5 Wells Completed: 3 Dry Holes, 1 Gas Well, 1 Oil Well; 3 on Fee Lands, 1 on State Lands, 1 on Gov't Lands; 5 Wildcat Wells; 2 Successful Wildcats. Total footage drilled was 20,814 feet.

SWEET GRASS COUNTY

Amerada Petr. Corp.	U.S.A. Hoefle	1	WC-SW-SW—2-1S-16E	8,513	Dry	Gov't	**
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TETON COUNTY

Operator	Well Name	Number	Location—Sec-Twp-Rge.	Total Depth	Status	Type of Lease	Classification * Development ** Wildcat
Becker Oil Co.	State	1	SW-SW-SW—33-26N-1E	90	Dry	State	*
Cabeen Exploration Corp.	Thorman	1	C-SW-NW—3-27N-6W	3,402	Dry	Fee	*
Cardinal Petr. Co.	Campbell	1	SE-SE-NW—4-27N-5W	2,496	Oil	Fee	**
Cardinal Petr. Co.	Campbell	2	SE-SW-NW—4-27N-5W	2,521	Gas	Fee	**
Casey & Kuhleman	Rockport Colony	1	SE-NE-SW—19-27N-6W	3,470	Dry	Fee	**
J. W. Lawrence	Roy Morris	4	NE-NE-SW—22-27N-4W	2,079	Oil	Fee	*
Northern Natural Gas Prod. Co.	Blackleaf	1-C	C-NE-NW—23-27N-9W	6,418	Dry	Gov't	**
The Ohio Oil Co.	Gov't	1	NE-SW-NW—13-24N-7W	4,249	Dry	Gov't	**
Onstad & Fulton	Swanson-Sumatra	1	NW-NW-SE—30-27N-5W	2,572	Dry	Fee	**
Skelly Oil Co.	Brownell	1	NW-NW-NE—1-27N-5W	2,155	Oil	Fee	*

Total of 10 Wells Completed: 6 Dry Holes, 3 Oil Wells, 1 Gas Well; 7 on Fee Lands, 2 on Gov't Lands, 1 on State Lands; 4 Development Wells, 6 Wildcat Wells; 2 Successful Wildcats. Total footage drilled was 29,452 feet.

TOOLE COUNTY

Cabeen Exploration Corp.	Henry	1	C-NE-NE—12-34N-3E	2,550	Dry	Fee	**
Cabeen Exploration Corp.	McNamer	1	C-NE-NW—14-33N-3E	2,210	Dry	Fee	**
Cabeen Exploration Corp.	Henry	2	C-SE-SE—12-34N-3E	2,520	Dry	Fee	**
Cardinal Petr. Co.	T. Morris	1	C-NE-SW—13-36N-3E	2,817	Gas	Fee	**
Cardinal Petr. Co.	G. Christian	1	C-NE-NE—13-35N-2E	2,780	Gas	Fee	**
Cardinal Petr. Co.	Jessie & Simmes	1	C-NW-NE—5-36N-3W	2,545	Dry	Fee	**
Cardinal Petr. Co.	Judeman	1	EC-SW-SE—34-37N-4W	2,826	Dry	Fee	**
Cardinal Petr. Co.	State	1	C-SE-NW—36-37N-4W	2,784	Dry	State	**
Lon Crumley, Trustee	Frary	3	SW-NE-NW—4-35N-2W	1,720	Dry	Fee	*
Lon Crumley, Trustee	Wolfer	22	SW-SE-NW—17-35N-2W	1,600	Oil	Fee	*
Lon Crumley, Trustee	Wolfer	23	EC-SW-SW—8-35N-2W	1,659	Oil	Fee	*
Emrick et al	State	3	W ¹ / ₂ -NE-SW—36-34N-1W	1,410	Oil	State	*
John Fauque	Gov't	6	NE-NW-NW—12-34N-2W	1,413	Oil	Gov't	*
R. A. Heintz & M. C. Peterson	Lois Bailey	1	SW-NW-SW—32-35N-3W	2,825	Dry	Fee	*
R. F. Juedeman	Juedeman	1	C-SE-SE—28-37N-4W	2,725	Dry	Fee	**
Frank I. Miller	Miller State	4	SC-SW-NE—36-34N-1W	1,390	Gas	State	*
The Montana Power Co.	State	3	WC—16-37N-4W	2,693	Dry	State	**
The Montana Power Co.	State	6	SE-SE-NW—32-37N-4W	2,796	Gas	State	*
The Montana Power Co.	State	1	NW-NE-SW—31-37N-4W	2,625	Gas	State	**
The Montana Power Co.	Gov't 086319	2	C-SE-SE—9-37N-4W	2,737	Gas	Gov't	*
The Montana Power Co.	Frary	1	WC-NW-SW—10-37N-4W	2,575	Gas	Fee	**
The Montana Power Co.	Frary	2	NE-NW-NW—10-37N-4W	2,646	Dry	Fee	*

TOOLE COUNTY—Continued

Operator	Well Name	Number	Location—Sec.-Twp.-Rge.	Total Depth	Status	Type of Lease	Classification * Develop- ment ** Wildcat
The Montana Power Co.	Farbo	1	SE-SW-SE—3-37N-4W	2,582	Gas	Fee	*
Stephen McKee	State	1	NW-NW-SW—13-35N-4W	2,383	Dry	State	*
L. J. Yealy	Shaw	21	NW-SW-SE—35-36N-2W	1,602	Oil	Fee	*
Total of 25 Wells Completed: 12 Dry Holes, 5 Oil Wells, 8 Gas Wells; 16 on Fee Lands, 7 on State Lands, 2 on Gov't Lands; 13 Development Wells, 12 Wildcat Wells; 4 Successful Wildcats. Total footage drilled was 58,413 feet.							

TREASURE COUNTY

Amerada Petr. Corp.	(Tract 1) Treasure County	1	WC-NE-SW—8-8N-36E	4,172	Dry	Fee	**
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VALLEY COUNTY

Oien Oil Corp.	Montana	1	C-SW-SW—12-31N-39E	4,683	Dry	State	**
Signal Drlg. & Expl. Inc.	Gov't	1	C-SW-NW—30-36N-37E	4,565	Dry	Gov't	**
Signal Drlg. & Expl. Inc.	Gov't	1	C-SW-NE—27-37N-38E	5,285	Dry	Gov't	**
Signal Drlg. & Expl. Inc.	Gov't	1	NC-NE-NE—11-35N-37E	4,859	Dry	Gov't	**
Signal Drlg. & Expl. Inc.	Gov't M-024714	1	C-NW-NW—24-35N-38E	5,135	Dry	Gov't	**
Signal Drlg. & Expl. Inc.	Gov't M-02500	1	C-NE-NE—9-34N-38E	5,154	Dry	Gov't	**
Total of 6 Wells Completed: 6 Dry Holes; 1 on State Lands, 5 on Gov't Lands; 6 Wildcat Wells. Total footage drilled was 29,681 feet.							

WIBAUX COUNTY

Shell Oil Co.	N.P.R.R.	23-9	SE-NE-SW—9-11N-57E	9,070	Oil	Fee	*
Shell Oil Co.	US B038747 M815 Unit 41-30R (B. W. Middleton)		SE-NE-NE—9-12N-57E	8,881	Oil	Gov't	*

Total of 2 Wells Completed: 2 Oil Wells; 1 on Fee Lands, 1 on Gov't Lands; 2 Development Wells. Total footage drilled was 17,951 feet.

YELLOWSTONE COUNTY

Deerfield Oil Corp.	Glantz	1	NW-SE-SE—4-3S-25E	1,139	Dry	Fee	**
Honolulu Oil Corp.	R. R. Bender	2-9	C-NE-SE—2-4N-25E	6,066	Dry	Fee	**
Miles Jackson, Inc.	Fayfield	1	EC-SE-SE—3-7N-31E	6,402	Dry	Fee	**
McAlester Fuel Co.	Beswick	A-1	NE-SE-SE—6-2S-24E	2,047	Dry	Fee	**
Total of 4 Wells Completed: 4 Dry Holes; 4 on Fee Lands; 4 Wildcat Wells. Total footage drilled was 15,654 feet.							

SUMMARY OF WELLS COMPLETED

JULY 1, 1959 TO JULY 1, 1960

County	Wells Drilled				Type Lease			Classification		Successful Wildcats	Total Footage
	Total	Oil	Gas	Dry	State	Indian	Gov't	Fee	Development	Wildcat	
Big Horn	1	1					1		1		1,678
Blaine	2			2	1			1		2	5,312
Carbon	11			11			3	8	4	7	41,310
Carter	8			8			5	3	2	6	34,756
Cascade	4			4				4		4	16,268
Chouteau	3		1	2			1	2		3	8,546
Custer	3		1	2			2	1		3	8,978
Daniels	3			3				3	1	2	21,925
Dawson	13	12		1			6	7	13		121,807
Fallon	28	28			6		3	19	28		247,184
Fergus	6			6	1			5		6	17,289
Garfield	4	1		3			1	3	1	3	21,460
Glacier	46	31	2	13		16	1	29	39	7	154,325
Golden Valley	2		1	1	1			1	1	1	4,295
Hill	3			3	1			2	2	1	10,917
Lewis and Clark	1			1				1		1	4,769
Liberty	7	2	1	4	1			6	4	3	17,144
McCone	9	4		5				9	6	3	68,914
Musselshell	36	15		21	4		2	30	22	14	157,591
Park	1			1				1		1	7,009
Petroleum	13	2		11	1			12	10	3	31,069
Phillips	2			2	1		1			2	8,378
Pondera	11	4		7	2	1		8	6	5	28,395
Powder River	1			1				1	2	1	4,949
Prairie	3	2		1			2	1		1	27,600
Richland	1			1	1					1	6,565
Roosevelt	2			2		1		1		2	20,897
Rosebud	53	20		33	3		10	40	34	19	267,588
Sheridan	3	2		1			1	2		3	30,257
Stillwater	5	1	1	3	1		1	3		5	20,814
Sweet Grass	1			1	1		1			1	8,513
Teton	10	3	1	6	1		2	7	4	6	29,452
Toole	25	5	8	12	7		2	16	13	12	58,413
Treasure	1			1				1		1	4,172
Valley	6			6	1		5	1	2	6	29,681
Wibaux	2	2					1	1			17,951
Yellowstone	4			4				4		4	15,654
Totals	334	135	16	183	33	18	51	232	195	139	1,581,825

STATEMENT OF BARRELS OF CRUDE OIL PRODUCED, REFINED, EXPORTED AND STORED IN MONTANA

July 1, 1958 To June 30, 1959

FIELD	COUNTY	Storage July 1, 1958	Produced	Refined	Exported	Used or Lost	Storage June 30, 1959
Ash Creek	Big Horn	908	32,737		32,415		1,230
Bannatyne	Teton	728	17,349	15,033		422	2,622
Bears Den	Liberty	436	3,848	3,691			593
Belfry	Carbon	45					45
Berthelote	Toole		1,663	1,663			
Big Wall	Musselshell	7,122	196,280	13,268	185,517	888	3,729
Blackfoot	Glacier	2,305	103,730	101,851		264	3,920
Border	Toole		7,086	7,086			
Bowes	Blaine	23,962	330,504	252,178	29,733	10,968	61,587
Bredette	Roosevelt	1,402	7,319		7,137		1,584
Bredette, North	Roosevelt	6,073	131,301		133,658	203	3,513
Brorson	Richland	1,675	30,632		29,993	69	2,245
Bynum	Teton	770	796	1,311			255
Cabin Creek	Fallon	95,490	4,476,886		3,679,535	385,036	507,805
Cat Creek	Petroleum & Garfield	11,071	152,625	152,442		1,187	10,067
Clark's Fork	Carbon	480	1,988		1,380		1,088
Clark's Fork, North	Carbon	6,034	359,628	5,253	358,820		1,589
Cupton	Fallon	1,406	16,988		15,325	271	2,798
Cut Bank	Glacier & Toole	404,174	2,039,120	1,968,738		17,299	457,257
Deer Creek	Dawson	3,804	198,928		196,946		5,786
Delphia	Musselshell	1,747	57,644	57,668		41	1,682
Devil's Basin	Musselshell	585	7,417	226	6,499	95	1,182
Dry Creek	Carbon	11,961	65,511	67,983		306	9,183
Elk Basin	Carbon	10,748	3,689,696	2,663,912	1,025,784	1,286	9,462
Fertile Prairie	Fallon	1,693	13,868		13,928	6	1,627
Flat Coulee	Liberty	246	1,788	1,828		136	70
Frannie	Carbon	329	33,334		32,777		886
Gage	Musselshell	650	19,813	5,971	12,713	805	974
Gas City	Dawson	12,161	254,330		256,489		10,002
Glendive	Dawson	19,970	561,512		561,210	3,287	16,985
Gypsy Basin	Pondera		5,462	4,239			1,223
Hawk Creek	Musselshell		3,709		2,013		1,696
Ivanhoe	Musselshell	5,866	266,916	45,685	224,912		2,185
Kevin-Sunburst	Toole	76,742	838,967	763,241		6,781	145,687
Lake Basin	Stillwater	707		637		1	69
Line Coulee	Daniels	1,175	27,479		26,342	205	2,107
Little Beaver	Fallon	6,915	175,462		176,050		6,327
Little Beaver, East	Fallon	2,993	90,391		90,574		2,810

STATEMENT OF BARRELS OF CRUDE OIL PRODUCED, REFINED, EXPORTED AND STORED IN MONTANA — Continued
July 1, 1958 To June 30, 1959

FIELD	COUNTY	Storage July 1, 1958	Produced	Refined	Exported	Used or Lost	Storage June 30, 1959
Melstone	Musselshell	4,388	85,016	85,587		227	3,590
Monarch	Fallon		39,020		37,657		1,363
Mosser	Yellowstone	2,480	7,553		9,351		682
Outlook	Sheridan	11,364	694,699		687,304		18,759
Pennel	Fallon	20,124	550,890		550,733		20,281
Pine	Wibaux	129,656	5,096,622		5,096,865	4,654	124,759
Pondera	Pondera & Teton	25,688	531,977	538,990		7,718	10,957
Poplar, East	Roosevelt	109,707	3,822,188		3,821,777	7,967	102,151
Poplar, Northwest	Roosevelt	954	24,944		23,819		2,079
Ragged Point	Musselshell	5,036	125,273	11,781	111,709	1,140	5,679
Rattlesnake Butte	Petroleum	86	341		311		116
Reagon	Glacier	3,033	158,176	158,983			2,226
Red Creek	Glacier		97,905	28,867	57,678	300	11,060
Redstone	Sheridan		5,348		3,990	680	678
Repeat	Carter	1,465	31,821		32,044		1,242
Richey	Dawson & McCone	5,964	138,902		135,688	1,668	7,510
Richey, Southwest	McCone	1,130	38,606		37,486		2,250
Sand Creek	Dawson		45,102		41,133	92	3,877
Snyder	Big Horn	1,103	25,506	237	25,790		582
Soap Creek	Big Horn	21,018	63,125	69,066		1	15,076
Stensvad	Rosebud		263,773	145,641	106,442	226	11,464
Sumatra	Rosebud	68,597	1,814,459	1,641,777	98,305	4,287	138,687
Whitlash	Liberty	4,682	65,081	51,048		2,208	16,507
Wills Creek	Fallon		280,992		277,472	(839)	3,520
Wolf Springs	Yellowstone	26,550	567,314	568,316			26,387
Woman's Pocket	Golden Valley		234		234		
Woodrow	Dawson	1,893	27,326		27,404		1,815
Yellowstone	Dawson	500	1,376		881		995
TOTALS		1,167,791	28,826,276	9,434,197	18,283,823	459,885	1,816,162

Crude Oil Imported and Refined

From Canada	880
From Wyoming	15,368,677

TOTAL CRUDE OIL REFINED IN MONTANA 24,803,754

STATEMENT OF BARRELS OF CRUDE OIL PRODUCED, REFINED, EXPORTED AND STORED IN MONTANA

July 1, 1959 To June 30, 1960

FIELD	COUNTY	Storage July 1, 1959	Produced	Refined	Exported	Used or Lost	Storage June 30, 1960
Ash Creek	Big Horn	1,230	30,833		31,327		736
Bannatyne	Teton	2,622	22,772	22,337		68	2,989
Bears Den	Liberty	593	4,204	4,623		(316)	490
Belfry	Carbon	45	45,553	22,414	22,998		186
Berthelote	Toole		2,011	2,011			
Big Wall	Musselshell	3,729	237,848	219,888	17,376	642	3,671
Blackfoot	Glacier	3,920	123,262	122,857		386	3,939
Border	Toole		7,435	7,435			
Bowes	Blaine	61,587	303,450	240,157			124,880
Bredette	Roosevelt	1,584	5,189		5,196		1,577
Bredette, North	Roosevelt	3,513	53,864		55,667	967	743
Brorson	Richland	2,245	42,968		42,237	29	2,947
Bynum	Teton	255		224		31	
Cabin Creek	Fallon	507,805	4,252,807		4,248,868	3,439	508,305
Cat Creek	Petroleum & Garfield	10,067	157,247	150,547		3,052	13,715
Clark's Fork	Carbon	1,088	1,495	1,239	967		377
Clark's Fork, North	Carbon	1,589	173,644		171,803		3,430
Cuption	Fallon	2,798	13,274		14,213		1,859
Cut Bank	Glacier & Toole	457,257	2,063,510	2,068,440		11,522	440,805
Deer Creek	Dawson	5,786	202,149		202,874	1,748	3,313
Delphia	Musselshell	1,682	48,088	39,749	8,420	70	1,531
Devil's Basin	Musselshell	1,182	544		722	(14)	1,018
Dry Creek	Carbon	9,183	37,906	39,422		378	7,289
Elk Basin	Carbon	9,462	3,380,193	2,424,537	960,275	737	4,106
Fertile Prairie	Fallon	1,627	1,755		2,290	259	833
Flat Coulee	Liberty	70	1,442	1,318			194
Frannie	Carbon	886	24,578		25,099		365
Gage	Musselshell	974	17,892	13,784		4,139	943
Gas City	Dawson	10,002	197,756		197,581	94	10,083
Glendive	Dawson	16,985	472,228		472,226	3,898	13,089
Gypsy Basin	Pondera	1,223	9,182	8,999		196	1,210
Hawk Creek	Musselshell	1,696	2,868		4,397	167	
Ivanhoe	Musselshell	2,185	230,706	51,067	168,621	5,912	7,291
Keg Coulee	Musselshell		11,280	10,890			390
Kevin-Sunburst	Toole	145,687	807,759	804,253		4,824	144,369
Lake Basin	Stillwater	69				69	
Line Coulee	Daniels	2,107	5,216		6,840	483	
Little Beaver	Fallon	6,327	207,225		207,684		5,868

STATEMENT OF BARRELS OF CRUDE OIL PRODUCED, REFINED, EXPORTED AND STORED IN MONTANA — Continued

July 1, 1959 To June 30, 1960

FIELD	COUNTY	Storage July 1, 1959	Produced	Refined	Exported	Used or Lost	Storage June 30, 1960
Little Beaver, East	Fallon	2,810	192,833		192,257		3,386
Melstone	Musselshell	3,590	50,082	49,401		141	4,130
Monarch	Fallon	1,363	258,669		255,733		4,299
Mosser	Yellowstone	682	6,012		6,078	268	348
Outlook	Sheridan	18,759	568,750		577,996		9,513
Outlook, South	Sheridan		42,320		38,686		3,634
Pennel	Fallon	20,281	522,642		521,829		21,094
Pine	Wibaux	124,759	4,996,359		4,994,701	517	125,900
Pondera	Pondera & Teton	10,957	513,385	485,830			35,922
Poplar, East	Roosevelt	102,151	3,504,616		3,549,605	2,590	51,804
Poplar, Northwest	Roosevelt	2,079	25,633		26,356	5,358	1,356
Ragged Point	Musselshell	5,679	161,303	19,564	139,197	2,742	5,479
Rattlesnake Butte	Petroleum	116					116
Reagan	Glacier	2,226	198,194	197,964			2,456
Red Creek	Glacier	11,060	266,179	103,223	162,909	6,688	4,419
Redstone	Sheridan	678	4,134		4,335	4	473
Repeat	Carter	1,242	35,622		35,892		972
Richey	Dawson & McCone	7,510	212,707		211,227	848	8,142
Richey, Southwest	McCone	2,250	75,655		75,473		2,432
Rosebud County	Rosebud		25,761		24,521		1,240
Sand Creek	Dawson		297,868		295,627	110	6,008
Sheridan County	Sheridan	3,877	29,758		25,292	216	4,250
Snyder	Big Horn	582	23,094		23,044		632
Soap Creek	Big Horn	15,076	68,049	27,575	16,578	93	38,879
Stensvad	Rosebud	11,464	1,893,271	1,888,097			16,638
Sumatra	Rosebud	138,687	2,062,463	969,766	1,114,568	414	116,402
Whitlash	Liberty	16,507	36,798	37,204		1,146	14,955
Wills Creek	Fallon	3,520	404,465		403,931		4,054
Wolf Springs	Yellowstone	26,387	451,690	450,893		1,759	25,425
Woodrow	Dawson	1,815	22,299		23,079		1,035
Yellowstone	Dawson	995	77			344	728
TOTALS		1,816,162	30,150,821	10,485,708	19,586,595	66,018	1,828,662

Crude Oil Imported and Refined

From Canada	10,889
From Wyoming	15,233,867
TOTAL CRUDE OIL REFINED IN MONTANA	25,730,464

NATURAL GAS PRODUCTION

JULY 1, 1958 TO JUNE 30, 1959

Field	County	M Cu. Ft.
Bears Den	Liberty	37,821
Big Coulee	Golden Valley & Stillwater	776,030
Bowdoin	Phillips & Valley	2,589,969
Bowes	Blaine	938,917
Box Elder	Blaine & Hill	12,401
Cabin Creek	Fallon	878,729
Cedar Creek	Fallon & Wibaux	5,657,092
Clark's Fork	Carbon	977,333
Cut Bank (Includes Reagan)	Glacier & Toole	11,600,434
Devon	Toole	122,647
Dry Creek	Carbon	1,630,533
Elk Basin	Carbon	769,060
Flat Coulee	Liberty	304,732
Golden Dome	Carbon	37,979
Hardin	Big Horn	42,640
Keith Block	Liberty	1,281,593
Kevin-Sunburst	Toole	990,161
Pine	Prairie, Wibaux & Fallon	951,425
Plevna	Fallon	219,080
Utopia	Liberty	878,300
Whitlash	Liberty	1,011,068
Miscellaneous	Various	519,029
		<u>32,226,973</u>

JULY 1, 1959 TO JUNE 30, 1960

Bears Den	Liberty	90,178
Big Coulee	Golden Valley & Stillwater	902,483
Bowdoin	Phillips & Valley	4,945,731
Bowes	Blaine	1,127,133
Cabin Creek	Fallon	1,043,197
Cedar Creek	Fallon & Wibaux	4,380,663
Clark's Fork	Carbon	711,886
Cut Bank (Includes Reagan)	Glacier & Toole	10,047,228
Devon	Toole	117,588
Dry Creek	Carbon	1,548,634
Elk Basin	Carbon	771,978
Flat Coulee	Liberty	124,378
Golden Dome	Carbon	20,792
Grandview	Liberty	557,199
Hardin	Big Horn	40,960
Keith Block	Liberty	872,461
Kevin-Sunburst	Toole	1,105,945
Pine	Prairie, Wibaux & Fallon	1,002,615
Plevna	Fallon	205,277
Utopia	Liberty	972,528
Whitlash	Liberty	1,044,116
Miscellaneous	Various	925,123
		<u>32,558,093</u>

REVENUE FOR THE PERIOD

JULY 1, 1958 TO JUNE 30, 1959

Natural Gas Production Tax

28,799,900 M cu. ft. at 1c per 100,000 cu. ft. \$ 2,879.99

Crude Oil Production Tax

4,245,074 bbls. crude oil at ¼c per bbl. \$ 10,612.66
22,607,002 bbls. crude oil at ½c per bbl. 113,035.00
123,647.66

Well Drilling Permit Fees—Northern District

151 Permits under 3500' depth at \$25.00 each 3,775.00
16 Permits under 7000' depth at \$75.00 each 1,200.00
2 Permits 7000' and deeper at \$150.00 each 300.00
5,275.00

Southern District

31 Permits under 3500' depth at \$25.00 each 775.00
91 Permits under 7000' depth at \$75.00 each 6,825.00
74 Permits 7000' and deeper at \$150.00 each 11,100.00
18,700.00

Penalty and Interest Collected03

Fee Collected for Copies of Transcripts, Logs, etc. 573.69

Interest Collected on Investments 2,321.49

Refunds and Insurance Settlement 967.22

TOTAL RECEIPTS \$154,365.08

REVENUE FOR THE PERIOD

JULY 1, 1959 TO JUNE 30, 1960

Natural Gas Production Tax

30,213,000 M cu. ft. at 1c per 100,000 cu. ft. \$ 3,021.30

Crude Oil Production Tax

4,263,528 bbls. crude oil at ¼c per bbl. \$ 10,658.82
24,461,372 bbls. crude oil at ½c per bbl. 122,306.88
132,965.70

Well Drilling Permit Fees—Northern District

86 Permits under 3500' depth at \$25.00 each 2,150.00
32 Permits under 7000' depth at \$75.00 each 2,400.00
2 Permits 7000' and deeper at \$150.00 each 300.00
4,850.00

Southern District

45 Permits under 3500' depth at \$25.00 each 1,125.00
107 Permits under 7000' depth at \$75.00 each 8,025.00
68 Permits 7000' and deeper at \$150.00 each 10,200.00
19,350.00

Penalty and Interest Collected 71.51

Fee Collected for Copies of Transcripts, Logs, etc. 544.05

Interest Collected on Investments 3,877.98

Refunds and Sale of Truck 637.00

TOTAL RECEIPTS \$165,317.54

STATEMENT OF EXPENDITURES

JULY 1, 1958 TO JUNE 30, 1959

ADMINISTRATIVE

Salaries

Secretary	\$ 8,400.00	
Office Employees	24,485.75	
Inspectors & Fieldmen	19,050.00	
Petroleum Engineer	12,000.00	
Geologist	8,400.00	
Geologist Assistants	4,947.31	
Lab. Technician	3,799.92	
Attorney	4,800.00	
Commissioners' Compensation	2,280.00	
Janitors	795.00	\$ 88,957.98

OPERATIONS

Postage	1,344.00	
Stationery, Record Books & Blanks	504.57	
Sundry Office Supplies & Expense	5,184.20	
Telephone & Telegraph	3,150.00	
Freight, Express & Drayage	188.79	
Printing & Binding	4,055.64	
Official Bonds	295.71	
Travel	9,552.39	
Auto Expense	73.90	
Rentals	4,985.00	
Legal Publications	1,954.00	
Subscriptions & Periodicals	921.00	
Dues to Associations & Compacts	78.00	
Industrial Accident Insurance	452.19	
Insurance		
P. E. R. S. Contributions	2,499.72	
Social Security Contributions	1,414.16	
Miscellaneous	1,462.58	38,115.85

CAPITAL

Land & Land Improvements	541.68	
Buildings & Attached Fixtures	189.46	
Machinery & Appliances	1,332.50	
Hand Tools & Petty Equipment	42.01	
Furniture & Fixtures	634.27	
Library & Reference Books	256.81	2,996.73

REPAIRS & REPLACEMENTS

Buildings & Attached Fixtures	1,007.45	
Machinery & Appliances	465.78	
Furniture & Fixtures	14.45	1,487.68

GRAND TOTAL \$131,558.24

STATEMENT OF EXPENDITURES

JULY 1, 1959 TO JUNE 30, 1960

ADMINISTRATIVE

Salaries

Secretary	\$ 9,000.00	
Office Employees	25,856.73	
Inspectors & Fieldmen	19,200.00	
Petroleum Engineer	8,612.38	
Geologist	8,400.00	
Geologist Assistants	4,893.72	
Lab. Technician	3,799.92	
Attorney	4,800.00	
Commissioners' Compensation	2,505.00	
Janitors	795.00	
		<u>\$ 87,862.75</u>

OPERATIONS

Postage	445.00	
Stationery, Record Books & Blanks	643.06	
Sundry Office Supplies & Expense	3,496.94	
Telephone & Telegraph	3,166.03	
Freight, Express & Drayage	538.73	
Printing & Binding	2,730.74	
Travel	10,299.21	
Rentals	5,080.00	
Legal Publications	1,124.00	
Subscriptions & Periodicals	78.84	
Dues to Associations & Compacts	1,430.00	
Industrial Accident Insurance	738.29	
P. E. R. S. Contributions	2,439.53	
Social Security Contributions	1,782.45	
Miscellaneous	1,872.67	
		<u>35,865.49</u>

CAPITAL

Land & Land Improvements	16.50	
Machinery & Appliances	1,013.35	
Hand Tools & Petty Equipment	30.84	
Furniture & Fixtures	255.11	
Library & Reference Books	153.50	
		<u>1,469.30</u>

REPAIRS & REPLACEMENTS

Land & Land Improvements	132.35	
Buildings & Attached Fixtures	306.28	
Machinery & Appliances	617.34	
		<u>1,055.97</u>
GRAND TOTAL		<u><u>\$126,253.51</u></u>

